

SOURCES OF SUPPLY OF COMMODITIES COVERED BY UNITED STATES GOVERNMENT MASTER SPECIFICATIONS

Lists of manufacturers who have expressed their desire to supply material in accordance with certain United States Government master specifications promulgated by the Federal Specifications Board, and their willingness to certify to the purchasers, upon request, that the material thus supplied complies with the requirements and tests of these specifications, and is so guaranteed by them.

The lists are continuously subject to revision and enlargement. From time to time additions are being made to both the number of lists of "willing-to-certify" manufacturers, and the number of manufacturers on the individual lists.

Purchasers who might be inclined to do business with unknown or untried manufacturers whose names appear on the "willing-to-certify" lists should not fail to insist upon receiving from such manufacturers properly signed certificates guaranteeing compliance with the specification requirements.

In order to avoid delay and confusion, when placing orders and requesting certificates from "willing-to-certify" manufacturers, the correspondence should always be conducted with the individual officer of the company whose name appears on the "willing-to-certify" list. This officer can be assumed to be familiar with the specification and with the plan for issuing certificates, whereas other officers of the same company may be unfamiliar therewith.

It is to be definitely understood that the certificates are to be issued by the manufacturers to the purchaser, and not to the Bureau of Standards, which assumes no responsibility of any kind in connection with the transaction. The purchaser must take such steps as he considers desirable to determine whether or not the commodities delivered do actually comply with the specifications.

A list of all known commercial testing laboratories throughout the country, classified according to commodities and localities, has been prepared by the Bureau of Standards for the convenience of both the producers and the consumers - the manufacturers and the purchasers. This list, together with a list of college research laboratories, is issued as Bureau of Standards Miscellaneous Publication No. 90, under the title, "Directory of Commercial Testing and College Research Laboratories". It is for sale exclusively by the Superintendent of Documents, Government Printing Office, Washington, D. C. Price, 15 cents per copy.

February 15, 1929

DEPARTMENT OF COMMERCE
BUREAU OF STANDARDS
WASHINGTON

FACILITATING THE USE OF SPECIFICATIONS

An analysis of the status of the making and the utilization of specifications reveals the fact that many excellent specifications well recognized throughout industry are not being widely used at the present time because of the inability on the part of most purchasers to determine whether or not commodities delivered correspond to the specification requirements. A great impetus to the popularizing of the use of specifications could be given by eliminating this disadvantage to the small-quantity purchaser.

As a solution to the problem of eliminating the above-mentioned disadvantage and thereby facilitating the use of specifications, use is being made of the so-called "certification plan".

Certification Plan

In carrying out this plan there are compiled lists of manufacturers who have expressed their desire to supply material in accordance with certain selected specifications, and their willingness to certify to the purchaser, upon request, that the material thus supplied is guaranteed to comply with the requirements and tests of the specifications.

From time to time the State and other public purchasing agents have sought the assistance of the United States Department of Commerce in the formulation of standards, specifications, and methods of tests for their purchases. Every effort is, therefore, being exerted to make the certification plan as effective as possible for "public purchasers", that is, purchasers for the Federal, State, and municipal governments who are spending the money collected from the public in the form of taxes.

SERVICE TO GOVERNMENT PURCHASING AGENCIES

Some idea of the value attached to the lists of "willing-to-certify" manufacturers by such officers of the Federal Government as are directly concerned with the Government departments and establishments as consumers (not as law-makers) can be gained from the fact that the purchasing agencies of all of the Government departments and establishments, wherever their headquarters may be located, are making effective use of the "willing-to-certify" lists of manufacturers. As showing the attitude of these officers, reference may well be had to statements made by the Paymaster General of the Navy concerning the use of these lists, and the action taken by officers of the War Department in distributing the lists, as follows:

Navy Department

"It is believed that the data contained in a list of 'willing-to-certify' manufacturers would be of great value in building up a mailing list of primary sources of supply who are known to be familiar with the requirements of certain well-known specifications and willing to comply with them.

"The Navy will be glad to take steps to list any firm which has certified its willingness to guarantee that its product will meet a specification of the Federal Specifications Board or a Navy specification, and invite bids from such a firm when in the market. Proposal blanks issued by the Navy contain either the specification printed in full or a reference thereto; and an unqualified bid is assumed to be in strict accordance with the specification and subject to the tests and inspection outlined therein. In this connection, it will be appreciated if lists might be furnished showing names and addresses of firms which have certified their willingness to guarantee that the technical requirements of their product meet the specifications of the Federal Specifications Board.

"It is believed that manufacturers will be quick to recognize the potential advertising value of a statement in their sales literature and advertising to the effect that their material is guaranteed to conform to certain well-known specifications."

War Department

"In time of war it is very desirable that the Government be able to obtain the articles which it requires in quantity. A more general acceptance of the carefully prepared Federal Specifications by general purchasing officers of industry will do much to accomplish this end. Education along these lines is necessary.

"To spread the information concerning the specifications and the certification plan, I believe we could do much to further the scheme. The country has been divided into fourteen procurement districts in connection with industrial war planning. All together the Army has established fifty district procurement offices. In each of these districts the regular Army representative is in close touch with many reserve officers who would be mobilized in time of war for procurement duty. In time of peace these men are engaged in widely varying businesses, many of whom are purchasing agencies.

"It is proposed, therefore, to send a letter to the Chiefs of all Supply Branches directing the attention of the regular Army executives of the procurement districts to the "certification plan" and the "sources of supply of commodities covered by United States Government master specifications", and to the belief that a more general acceptance of the Federal specifications by industry, particularly by manufacturers and large users, will do much to facilitate the procurement of suitable articles in time of war. The Federal specifications which are the subject of these studies have received the approval of the War Department after the most careful consideration. They are now mandatory upon the Army. Hence, the more generally they are accepted by industry the easier will be the task of buying under them in peace and in time of war."

The details involved in compiling the lists of manufacturers willing to certify to compliance with United States Government master specifications have been worked out in full accord with the ideas expressed by the Director of the Bureau of the Budget, and the lists are being distributed to all Federal Government departments and establishments at the suggestion of the Chief Coordinator.

Chief Coordinator

In a communication to the heads of all Federal departments and establishments calling attention to the application of the certification plan and the use by manufacturers of labels guaranteeing that the commodities labeled comply with certain United States Government master specifications, the Chief Coordinator states:

"The more generally the certification and labeling plans are adopted by industry, the wider will be the geographical distribution of commodities complying with United States Government master specifications, and the greater will be the likelihood of finding Federal specification materials in out-of-the-way places and in small quantities.

"As a result, the general authorization for waiver of requirements of master specifications will have to be invoked by Government purchasers to a much less extent than at present, and Government activities will aid the certification and labeling plans by insisting, whenever practicable, upon adherence to the requirements of the master specifications.

"As a further result, when the general authorization for waiver of tests prescribed in master specifications is justified by the conditions of purchase, the inspecting officer can be assured to a much greater degree than at present as to the quality of material, when such material is furnished under the certification and labeling plans.

"The Federal Purchasing Board has approved in principle, the movement to promote the use of the certification and labeling plans.

"It should be borne in mind that the fact that a commodity is included in the certification and labeling plans does not entitle it to any preference over a commodity not included in such plans when the price quoted for the latter is lower, and when the bidder has made no exceptions to the Federal master specifications applicable in his proposal."

There have already been compiled by the National Bureau of Standards 248 lists of such firms as have expressed to the Bureau (up to January 1, 1929) their desire to have their names placed on the lists of manufacturers, willing, when requested to do so, to certify to purchasers that material supplied in accordance with the designated 248 United States Government master specifications complies with the requirements and tests of these specifications, and is so guaranteed by them. Copies of any of these lists of manufacturers, to which additions are being made from time to time, can be obtained upon request.

The groups of commodities covered by the specifications to which the certification plan has been applied, together with numerical references to the individual specifications, are as follows:

BRUSHES AND BROOMS

191	201	396	406a	513
192	202	397	407	519
193	203	398	511	520
194	204	399a	512	521
195a	205	400	513	522
196	206	401a	514	523
197	207	402	515	524
198	208a	403	516	525
199	332	404a	517	526
200	333a	405		

GLASS

123

INKS

163	165	265a	379
164	166	266a	

LEATHER GOODS

37	183	184	241
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BUILDERS HARDWARE

336

LIME AND PLASTER

247	248	249	250
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CEMENT, PORTLAND

1a

LIQUID MEASURING DEVICES

362

ELECTRICAL SUPPLIES

23b	58a	175	311
55	62	291	312
57	65	292	

PACKING AND GASKETS

93	100	105	108	487
95	101c	106	485	
99	102	107	486	

FIRE EXTINGUISHERS AND LIQUID

36a	124	213
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PADLOCKS

413a

PAINT AND PAINT MATERIALS

4b	10b	16	22	278
5	11	17	66	283
6	12	18b	67	375
7b	13b	19	115	376
8	14b	20a	137a	475b
9	15	21b	239a	476

PAPER

127a	133a	182a	324	330
128a	177a	319	325	331a
129a	178a	320	326	425
130a	179	321	327	426
131a	180	322	328	484a
132a	181	323	329	

PIPE AND PIPE FITTINGS

162a	342a	393	535
242	343a	489	

REFRACTORIES

268a	334a	335a
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RIBBONS, TYPEWRITER, ETC.

167a	168a	169a
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ROAD AND PAVING MATERIALS

275	277	280	282
276a	279	281	

ROOFING, BITUMINOUS & WATERPROOFING

80	84	88	296
81	85	214	380
82	86	294	423
83	87	295	424

ROPE, WIRE

227

SAFES, BURGLAR RESISTING

363

SCALES, RAILROAD TRACK

314

SCREWS, WOOD

52a

SOAPS AND SCOURING COMPOUNDS

26	29	32	35	246
27	30	33a	244	
28	31	34a	245	

TABLEWARE, SILVERPLATED

411

TEXTILESBed Supplies

301	302	303	304	305
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Carpets and Rugs

501	502	503
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Cheesecloth

251a	252b	253b	344
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Denim, Brown and Blue

254b	255a	256b	257a
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Duck, Cotton

53	159	160
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Rags and Waste

259a	261a	263a
260	262a	264a

Shades and Shade Cloth

367b	555b
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Miscellaneous

422	497a	499	540	557
466	498	500	556	

TUBING, METALLIC

287	347	349	427a
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Numerical list of United States Government master specifications to which the certification plan has been applied, together with indications of the commodity or groups of commodities covered by each specification.

Specifi- cation Number	Commodities Covered	Specifi- cation Number	Commodities Covered
1a	Cement, portland	35	Hand grit soap
4b	Oil, linseed, raw	36a	Fire extinguishing liquid (carbon tetrachloride base)
5	Lead, white, basic, carbonate, dry and paste	37	Leather belting (vegetable tanned)
6	Lead, white, basic, sulphate, dry and paste	52a	Wood screws
7b	Turpentine (gum spirits of turp- entine and steam distilled wood turpentine)	53	Duck, cotton, numbered
8	Oxide, zinc, dry and paste	55	Cutout bases
9	Oxide, leaded zinc, dry and paste	57	Flexible non-metallic tubing
10b	Paint, white, and tinted paints made on a white base, semi- paste and ready mixed	58a	Dry cells
11	Lead, red, dry and paste	62	Snap switches
12	Ocher, dry and paste	65	Rubber covered wires and cables for ordinary purposes
13b	Paints, iron oxide and iron hydroxide	66	Enamel, red, water-resisting
14b	Paint, black, semi-paste and ready mixed	67	Paint, lithopone, gloss interior, white and light tints
15	Paint, green, semi-paste and ready mixed	80	Coal tar pitch for roofing
16	Spirits, volatile mineral, for thinning paints	81	Coal tar saturated rag felt for roofing and waterproofing
17	Vehicle, composite, for thinning semi-paste paints, when the use of straight linseed oil is not justified	82	Surfacing materials for bituminous built-up roofing
18b	Varnish, spar, water-resisting	83	Coal tar pitch for waterproofing and dampproofing
19	Varnish, asphalt	94	Asphalt for mineral surfaced roofing
20a	Drier, paint, liquid	85	Asphalt for waterproofing and dampproofing
21b	Paint, lithopone, flat interior white and light tints	86	Asphalt saturated rag felt for roofing and waterproofing
22	Varnish, interior	87	Asphalt primer for roofing and waterproofing
23b	Large tungsten filament incandes- cent electric lamps	88	Asphalt for unsurfaced built-up roofing
26	White floating soap	93	Gaskets, asbestos-copper, corrugate
27	Liquid soap	95	Packing, asbestos valve stem
28	Soap powder	99	Packing, fabric condenser tube
29	Salt water soap	100	Packing, fiber, for lubricating and fuel oil
30	Automobile soap	101c	Packing, flax
31	Chip soap	102	Packing, metallic, flexible
32	Ordinary laundry soap	105	Packing, metallic (fixed ring type)
33a	Grit cake soap	106	Packing, metallic, plastic
34a	Scouring compounds for floors and soap scouring compound	107	Packing, semi-metallic
		108	Packing, metallic, solid (float- ing ring type)
		115	Pigment, titanium, dry and paste

Specification Number	Commodities Covered	Specification Number	Commodities Covered
123	Flat glass for glazing purposes	203	Brush, window
124	Hand chemical fire extinguisher (one quart carbon tetrachloride type)	204	Broom, rattan push
127a	25% rag blotting paper, white and colored	205	Broom, rattan (upright)
128a	Desk blotting paper, colored	206	Broom, scrubbing
129a	Chart paper	207	Broom, wire push
130a	Mimeograph paper	208a	Duster, counter
131a	50% rag mimeograph paper	213	Hand chemical fire extinguisher (soda and acid type)
132a	Wood manila wrapping paper	214	Asphalt prepared roofing
133a	Rope manila wrapping paper	239	Rust-preventive compound, heavy
137a	Paint, olive drab (semi-paste and ready mixed)	241	Sole leather (vegetable tanned)
159	Duck, light weight (Army duck, grey)	242	Wrought iron pipe (welded) (black and galvanized)
160	Duck, tent (special construction for bleaching or dyeing, grey)	244	Milled toilet soap
162a	Pipe, welded steel (black and galvanized)	245	Powdered soap (for laundry use)
163	Ink, record and copying	246	Liquid soap (for laundry use)
164	Ink, writing	247	Plaster, gypsum
165	Ink, red	248	Gypsum, calcined
166	Ink, stamp-pad	249	Lime, hydrated for structural purposes
167a	Ribbons, typewriter	250	Quicklime for structural purposes
168a	Ribbons, hectograph	251a	Cheesecloth for wiping purposes
169a	Ribbons, computing and recording machine	252b	Cheesecloth, unbleached
175	Knife switches	253b	Cheesecloth, bleached or semi- bleached
177a	Kraft wrapping paper	254b	Denim, brown (shrunk)
178a	Sulphite manila wrapping paper	255a	Denim, brown (unshrunk)
179	No. 1 grade blue-print paper (sensitized and unsensitized)	256b	Denim, blue, indigo (shrunk)
180	No. 2 grade blue-print paper (sensitized and unsensitized)	257a	Denim, blue, indigo (unshrunk)
181	No. 3 grade blue-print paper (sensitized and unsensitized)	259a	Rags, colored cotton, for wiping machinery (sterilized)
182a	Paper, brown process (sensitized and unsensitized)	260	Cloths, wiping
183	Upholstery leather	261a	Rags, white cotton, for wiping machinery (sterilized)
184	Lace leather (vegetable tanned)	262a	Waste, cotton, white
191	Brush, blacking and dauber	263a	Waste, cotton, colored
192	Brush, casting	264a	Waste, wool, colored
193	Brush, clothes scrubbing	265a	Ink, black waterproof drawing
194	Brush, cuspidor	266a	Ink, indelible marking, for fabric
195a	Brush, dauber, long paddle	268a	Brick, fire-clay
196	Brush, deck scrubbing	275	Road oil for hot application (type OH-1-25)
197	Brush, hand floor scrubbing	276a	Asphalt for use in road and pave- ment construction
198	Brush, hair, military	277	Petroleum asphalt for joint filler (squeegee or pouring method) (type PAF-1-25)
199	Brush, radiator dusting	278	Paint, outside white titanium-zinc (semi-paste and ready mixed)
200	Brush, shaving	279	Tars for cold application
201	Brush, sidewalk	280	Refined tar for hot application (type TH-1-25)
202	Brush, tooth	281	Tar for use in repair work

Specification Number	Commodities Covered	Specification Number	Commodities Covered
282	Refined tar for construction	336	Builders hardware
283	Putty	342a	Pipe, brass, seamless, iron pipe size, standard and extra strong
287	Tubing, copper, seamless and pipe, copper, seamless, standard iron pipe size	343a	Cast iron soil pipe and fittings, coated and uncoated
291	Friction tape	344	Cheesecloth remnants for wiping purposes
292	Rubber insulating tape	347	Lap welded and seamless steel boiler tubes
294	Asphalt-saturated woven cotton fabric for waterproofing	349	Lap welded charcoal iron boiler tubes
295	Asphalt-saturated rag felt for flashings	362	Liquid measuring devices, retail type
296	Slate-surfaced, asphalt prepared roofing and shingles	363	Burglar resisting safes
297	Wire rope	367b	Shades, window, rollers, slats, cords, and accessories
301	Sheeting, cotton, brown	375	Shellac, flake orange
302	Sheeting, cotton, brown, wide	376	Varnish, shellac
303	Sheeting, cotton, bleached wide	379	Ink, drawing, colored waterproof
304	Sheets, cotton, bleached (medium and high-count sheeting)	380	Cement, asphalt plastic
305	Pillowcases, cotton, bleached	393	Unions, malleable iron or steel
311	Rigid conduit, enameled	396	Brush, calcimine
312	Rubber gloves for electrical work- ers (for use in connection with apparatus or circuits not ex- ceeding 3,000 volts to ground)	397	Brush, dust, ceiling and wall
314	Railroad track scales	398	Brush, fiber garage
319	100% rag bond paper, white	399	Brush, flat fitch
320	50% rag bond paper, white and colored	400	Sweep, floor, hair
321	100% rag ledger paper, white	401a	Brush, glue, round
322	75% rag ledger paper, white and colored	402	Brush, glue, flat
323	100% rag manifold paper, white and colored	403	Brush, lacquering, flat, camel hair
324	Lithograph-finish map paper	404a	Brush, marking
325	50% rag lithograph-finish map paper	405	Brush, mottling, camel hair
326	75% rag lithograph-finish map paper	406a	Brush, sash tool, oval
327	Blotting paper, white and colored	407	Brush, hand scrub, white tampico
328	Sulphite bond paper, white and colored	411	Tableware, silverplated
329	Sulphite writing paper, white and colored	413a	Padlocks
330	100% rag heavy ledger paper, white	422	Towels, huck (with woven name)
331a	50% rag manifold paper, white and colored	423	Roofing, prepared, asphalt and asbestos, slate-surfaced
332	Brooms, whisk	424	Roof coating, asphalt fibrous
333a	Brooms, corn	425	Paper, carbon, black, lightweight (for typewriter use)
334a	Clay, fire	426	Paper, carbon, black, standard weight (for typewriter use)
335a	Refractories, fire-clay, plastic	427a	Seamless brass tubing
		466	Belting, conveyor (stitched duck)
		475b	Oil, linseed, boiled
		476	Chrome yellow (lemon, medium and orange, dry, paste in oil, paste in japan)
		484a	Paper, manifold, 50% rag, white and colored, unglazed

Specifi- cation Number	Commodities Covered	Specifi- cation Number	Commodities Covered
485	Gaskets, metallic encased	517	Brushes, radiator bronzing
486	Packing, hard fiber sheet	518	Brushes, roof, knotted style, three knots
487	Packings, asbestos wick and rope	519	Brushes, stencil (flag ends cut)
489	Pipe fittings, cast iron (threaded)	520	Brushes, stencil (flag ends pre- served)
497a	Bunting, wool	521	Brushes, varnish, flat (high grade)
498	Oilcloth, table, white	522	Brushes, varnish, flat (medium grade)
499	Burlap, jute	523	Brushes, wall stippling
500	Tablecloths, cotton	524	Brushes, whitewash
501	Carpets, velvet, plain	525	Dusters, painters', flat
502	Carpets and rugs, Axminster	526	Dusters, painters', round
503	Carpets and rugs, Wilton	535	Pipe fittings, malleable iron (threaded) (150 lb.)
511	Brooms, metal case	540	Netting, mosquito (unbleached bobbinet)
512	Brushes, flowing, badger hair	555b	Shade cloth
513	Brushes, flowing, camel hair	556	Percalé
514	Brushes, flowing, fitch or skunk hair	557	Drill
515	Brushes, paint, flat metal bound, high grade		
516	Brushes, paint, flat metal bound, medium grade		

Organized for the purpose of securing economy in the procurement of material used by the Government, the Federal Specifications Board makes a strenuous effort to adopt such specifications as will cover commercial materials and supplies. Before the specifications are promulgated as official United States Government master specifications for the mandatory use of the departments and establishments of the Government, comments and criticisms from the manufacturers and interested engineering and technical societies are given careful consideration.

Among the duties assigned to the Board are not only the compilation and adoption of standard specifications for materials and services, but also the bringing of the Government specifications into harmony with the best commercial practice whenever conditions permit, bearing in mind the broadening of the field of supply.

CORRECTIONS AND ADDITIONS
TO
LISTS OF WILLING--TO--CERTIFY MANUFACTURERS

Since the following lists were prepared for printing, several manufacturers have expressed their desire to be listed as willing, when requested to do so, to certify to compliance with certain designated United States Government master specifications.

Below are shown the groups of commodities and numerical designations of the specifications for which the additional listings have been requested by the manufacturers indicated.

Brushes and Brooms

Nos. 332, 333a

Acme Broom Co., H. E. Lindstrom, Owner
331 West 5th St., Kansas City, Mo.

Cement, Portland

No. 1a

Newaygo Portland Cement Co., Wm. A. Awsavage, Treas.,
Newaygo, Mich.
Trinity Portland Cement Co., J. J. Heigan, Purchasing Agent,
1701 Santa Fe Bldg., Dallas, Texas

Inks

No. 266a

Applegate Chemical Co., Harry R. Applegate, Proprietor,
5630 Harper Ave., Chicago, Ill.

Lime and Plaster

No. 249

Williams Lime Mfg. Co., John Williams, Pres.,
P. O. Box 1195, Knoxville, Tenn.

Paint and Paint Materials

Nos. 10b, 11, 12, 13b, 14b, 15, 21b, 66, 67, 115, 137a, 278, 476

Clark Paint & Varnish Co. (Inc.), F. B. Clark, Treas.,
Circuit Ave., West Springfield, Mass.

Nos. 10b, 14b, 15, 17, 18b, 19, 20a, 21b, 22, 66, 67, 115, 137a, 239,
278, 283, 376, 476

Diamond Products Co., M. N. Gustavson, Pres.,
2750 N. Lincoln St., Chicago, Ill.

No. 376

Fulghum & Co. (Inc.), B. W. Fulghum, Pres.,
740 S. San Pedro St., Los Angeles, Calif.
Knox & Morse Co., Howard P. Knox, Pres.,
70 Freeport St., Boston, Mass.

Paint and Paint Materials (Continued)

- Nos. 6 (paste), 10b, 11 (paste), 12 (paste), 13b, 14b, 15, 17, 18b, 19, 20a, 21b, 22, 66, 67, 115 (paste), 137a, 278, 283, 476
Kuehnle (Inc.), R. H. Jaegle, Treas.,
Vine and 17th Sts., Philadelphia, Pa.
- Nos. 5 (paste), 6 (paste), 8 (paste), 9 (paste), 10b, 11 (paste), 12 (paste), 13b, 14b, 15, 21b, 66, 67, 115 (paste), 137a, 278, 283, 376, 476 (paste in oil, paste in japan)
Minehart-Traylor Co., Frank A. Traylor, V.-Pres.,
2500 Walnut St., Denver, Colo.

Pipe and Fittings

- No. 162a
Clayton Mark & Co., Clayton Mark, Jr., Sec.,
111 W. Washington St., Chicago, Ill.

Soaps and Scouring Compounds

- Nos. 26, 27, 28, 30, 31, 35, 245, 246
Syracuse Victory Soap Corp., J. Russell Paine, Pres.,
252 W. Washington St., Syracuse, N. Y.

Textiles

- No. 367b
Joseph Bancroft & Sons Co., J. Bancroft, Pres.,
Wilmington, Del.
- No. 252b
Durfee Mills, Frank P. Coolidge, Treas.,
Pleasant St., Fall River, Mass.
- Nos. 260, 301, 499
Fulton Bag and Cotton Mills, J. Elsas Phillips, Dept. Mgr.,
P. O. Box 1726, Atlanta, Ga.
- Nos. 53, 251a, 252b, 253b, 259a, 261a, 344, 497, 499
Hoffman Crown Mfg. Co., Geo. F. Hoffman, Owner,
615 Chestnut St., Philadelphia, Pa.
- Nos. 251a, 344
Lewis Manufacturing Co., E. P. Garland, Sales Mgr.,
West St., Walpole, Mass.

April 13, 1929

February 15, 1929

Through an error in printing, the following names were omitted from the list for specification No. 20a, for liquid paint drier.

- North Star Varnish Co., G. D. Hough, Pres., 608 Vandalia St., St. Paul, Minn.
- Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
- Oxford Varnish Corp., A. P. Tallman, Chmn. Bd. of Dir., 350 Morris St., Toledo, O.
- Palmer-Price Co., R. A. Luz, Treas., McWhorter & Chestnut Sts., Newark, N. J.
- Paraffine Cos. (Inc.), E. R. DeGraf, Mgr., Paint Dept., 475 Brannan St., San Francisco, Calif.
- Parr Paint & Color Co., W. J. Parr, Pres., 18312 Syracuse Ave., Cleveland, Ohio
- Peaslee Gaulbert Paint & Varnish Co., H. R. Fitzpatrick, Asst. Mgr. Trade Sales, 223 N. 15th St., Louisville, Ky.
- Pecora Paint Co., S. B. Bowen, Pres., 3501 N. 4th St., Phila., Pa.
- Perry & Derrick Co. (Inc.), F. J. Derrick, Pres., 906 Central Ave., Cincinnati, O.
- Phoenix Paint & Varnish Co., W. Gentry Hodgson, Sec., 124 Market St., Phila., Pa.
- Pittsburgh Plate Glass Co., H. E. Reeve, Agt., 2 Chester Ave., Newark, N. J.
- Red Spot Paint & Varnish Co., Harry B. Bausland, Treas., 110 Main St., Evansville, Ind.
- Reliable Leather Dressing Co., Nathan Sraka, Prop., 43 Crescent St., Long Island City, N. Y.
- Republic Varnish Co., S. S. Long, Pres., 201 Thomas St., Newark, N. J.
- St. Louis Surfacers & Paint Co., H. Davis, Pres., 4200 Arlington Ave., St. Louis, Mo.
- Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va.
- Scientific Production Corp., Philip G. Strong, V.-Pres., 3852 Grand Central Terminal, New York, N. Y.
- Seidlitz Paint & Varnish Co., J. F. Hammond, V.-Pres., 18th & Garfield Sts., Kansas City, Mo.
- Sewall Paint & Varnish Co., A. C. Bale, V.-Pres., 1009 W. 8th St., Kansas City, Mo.
- Shaw, George H., Co., L. F. Hanling, Treas., Middleboro, Mass.
- Sipe, James B., & Co., J. C. Adderly, V.-Pres., 704 Chamber of Commerce Bldg., Pittsburgh, Pa.
- Solastic Products Co. (Inc.), H. M. Rudd, Pres., 3018 Ninth Ave., Seattle, Wash.

Sommers & Co. (Ltd.), J. Sommers, Pres., 342 Madison Ave., New York, N. Y.

Spruance, Gilbert, Co., G. Spruance, Pres., Richmond & Tioga Sts., Phila., Pa.

Standard Paint & Lead Works (Inc.), A. C. Benstein, Treas., Willey Ave. on Big 4 RR, Cleveland, Ohio

Steen, John A., Varnish Co., A. B. Logan, Treas., 327 W. 37th St., Chicago, Ill.

Sterling Paint Co., N. D. Bergeron, Gen. Mgr., 6460 Green St., Emeryville, Calif.

Stewart Bros. Paint Co., W. E. Stewart, Sec., 999 N. Union Ave., Alliance, Ohio

Suydam, M. B., Co., R. S. Suydam, Pres., Island & Preble Ave., Pittsburgh, Pa.

Thibaut & Walker Co., O. S. Swanson, Sec., 46th Rd., Long Island City, N. Y.

Thompson & Co., John L. Crowley, Supt., 857 W. North Ave., Pittsburgh, Pa.

Thomson Wood Finishing Co., Jack Binswanger, Tech. Dir., 829 N. Third St., Phila., Pa.

Thresher Varnish Co., J. A. Pfanner, Sec., 1100 E. Monument Ave. Ext., Dayton, O.

Tibbetts, H. R., Paint Co., H. R. Tibbetts, V.-Pres., 1616 E. 14th St., Los Angeles, Calif.

Toch Brothers (Inc.), M. Toch, V.-Pres., 443 4th Ave., New York, N. Y.

Truscon Laboratories, J. J. Super, Asst. Gen. Mgr., Caniff Ave. & GTRR, Detroit, Mich.

Vallé Co., Dr. Cecilio S. Vallé, Pres., 4476 E. 71st St., Cleveland, Ohio

Varcraft Works (Inc.), F. A. Wertz, Prod. Mgr., Keim & Cross Sts., Pottstown, Pa.

Wamblu Corp., E. M. Blatau, Sec., 1326 Ridge Rd., Rochester, N. Y.

Warren Paint & Color Co., R. A. Perry, V.-Pres., 700 Wedgewood Ave., Nashville, Tenn.

Western Paint & Varnish Co., John C. Gehant, V.-Pres., Ft. of Herman Ave., Duluth, Minn.

Wetherill, Geo. D., & Co. (Inc.), S. D. Davis, Tech. Dir., 113 Arch St., Phila., Pa.

White Co., J. Benesch, Asst. Sec., Loney's Lane & Biddle St., Balto., Md.

Williams & Haywood Co., L. A. Williams, Pres., 2526 W. Van Buren St., Chicago, Ill.

Yates & Co. (Inc.), C. M. Yates, Jr., Pres., 754 Folsom St., San Francisco, Calif.

The following lists are continuously subject to revision and enlargement. From time to time additions are being made to both the number of lists of "willing-to-certify" manufacturers and the number of manufacturers on the individual lists.

Specification 1a, Portland Cement

- Alabama Portland Cement Co., J. W. Johnston, V. Pres., 2301 Comer Bldg., Birmingham, Ala.
 Allentown Portland Cement Co., J. A. Weihl, Asst. Sec., Fuller Bldg., Catasauqua, Pa.
 Alpha Portland Cement Co., C. P. Postelle, southern sales Mgr., 906 Alabama Power Bldg., Birmingham, Ala.
 Alpha Portland Cement Co., Thomas W. Dyer, Gen. sales Mgr., 15 S. Third St., Easton, Pa.
 Ash Grove Lime & Portland Cement Co., J. F. Pollock, V. Pres., 705 Grand Avenue Temple, Kansas City, Mo.
 Atlas Portland Cement Co., Lowell R. Burch, V. Pres., 25 Broadway, New York, N. Y.
 Basic Products Co., A. T. Wood, Gen. Mgr., 21st & Beech St., Kenora, W. Va.
 Beaver Portland Cement Co., Buell C. Nelson, Asst. Sec., 603 Lumbermen's Bldg., Portland, Oreg.
 Bessemer Cement Corp., Chas. Schmutz, V. Pres., 1106 City Bank Bldg., Youngstown, Ohio.
 California Portland Cement Co., L. E. Bancroft, Asst. Sec., 523 W. 6th St., Los Angeles, Calif.
 Castalia Portland Cement Co., W. E. St. Clair, sales Mgr., Castalia, Ohio.
 Coplay Cement Mfg. Co., Eugene Blum, Chmn. of Board, N. Second St., Coplay, Pa.
 Cowell, Henry, Lime & Cement Co., W. H. George, Sec., 2 Market St., San Francisco, Calif.
 Crescent Portland Cement Co., J. Sharp Wilson, V. Pres., Wampum, Pa.
 Dewey Portland Cement Co., F. E. Tyler, Pres., 301 Mutual Bldg., Kansas City, Mo.
 Giant Portland Cement Co., E. F. Coun, Pres., Pennsylvania Bldg., Phila., Pa.
 Glens Falls Portland Cement Co., Geo. Boyle, Pres., 205 Lower Warren St., Glens Falls, N. Y.
 Great Lakes Portland Cement Corp., Adam S. Beck, Pres., 614 Marine Trust Bldg., Buffalo, N. Y.
 Hawkeye Portland Cement Co., A. B. Condon, Gen. Mgr., 806 Hubbell Bldg., Des Moines, Iowa.
 Hercules Cement Corp., Morris Kind, Pres., 1700 Walnut St., Phila., Pa.
 Hermitage Portland Cement Co., Frederick Stugard, Gen. Supt., Box 88, Nashville, Tenn.
 Huron Portland Cement Co., H. C. Jones Asst. sales Mgr., 1325 Ford Bldg., Detroit, Mich.
 Indiana Portland Cement Co., G. E. Pierson, sales Mgr., 808 Continental Bank Bldg., Indianapolis, Ind.
 Kansas Portland Cement Co., J. P. Lehaney, V. Pres., 1608 Federal Reserve Bldg., Kansas City, Mo.
 Knickerbocker Portland Cement Co. (Inc.), D. P. Cooper, V. Pres., 100 State St., Albany, N. Y.
 Kosmos Portland Cement Co. (Inc.), A. W. Horner, sales Mgr., 1430 Stakrs Bldg., Louisville, Ky.
 Lehigh Portland Cement Co., B. L. Swett, V. Pres., Young Bldg., Allentown, Pa. (Plants in Ala., Ga., Ill., Ind., Iowa, Kan., Md., N. Y., Va., & Wash.)
 Lone Star Cement Co. of Pa., Geo. E. Lewis, Treas., 123 S. Broad St., Phila., Pa.
 Louisiana Portland Cement Co., Scott Thompson, V. Pres., 1120 Hibernia Bank Bldg., New Orleans, La.
 Louisville Cement Co., A. Courtenay, sales Mgr., 315 Guthrie St., Louisville, Ky.
 Manitowoc Portland Cement Co., S. Vanderwerp, V. Pres., Manitowoc, Wis.
 Marquette Cement Mfg Co., Paul R. Price, V. Pres. in Charge of Sales, 140 S. Dearborn St., Chicago, Ill.
 Missouri Portland Cement Co., Charles A. Horner, V. Pres., 1327 Bell Telephone Bldg., 1010 Pine St., St. Louis, Mo.
 Monarch Cement Co., C. A. Brooke, sales Mgr., Humboldt, Kans.
 Monolith Portland Cement Co., F. R. Brownell, sales Mgr., 215 W. 7th St., Los Angeles, Calif.
 Nazareth Cement Co., Wm. F. Coppers, Treas. & Gen. Mgr., Easton Rd., Nazareth, Pa.
 Nebraska Cement Co., R. J. Morse, V. Pres., Ideal Bldg., Denver, Colo.
 North American Cement Corp., Frederick W. Kelley, Pres., 40 Howard St., Albany, N. Y.
 Olympic Portland Cement Co., W. P. Cameron, Mgr., 1425 Dexter Horton Bldg., Seattle, Wash.
 Oregon Portland Cement Co., H. L. Knappenberger, Sec., 1104 Wilcox Bldg., Portland, Oreg.
 Pacific Portland Cement Co., James A. Keller, V. Pres., 111 Suter St., San Francisco, Calif.
 Peerless-Egyptian Cement Co., Chas. A. Buck, sales Mgr., 1144 Free Press Bldg., Detroit, Mich.
 Pennsylvania-Dixie Cement Corp., B. R. Smith, Pres., 131 E. 46th St., New York, N. Y.
 Petoskey Portland Cement Co., Robt. E. Edwards, Asst. sales & traffic Mgr., Lake St., Petoskey, Mich.
 Pittsburgh Plate Glass Co. (Columbia Cement Div.), L. C. Letzkus, sales Mgr., 704 Frick Bldg., Pittsburgh, Pa.
 Pyramid Portland Cement Corp., Ellis Soper, Pres., Insurance Exchange Bldg., Des Moines, Iowa.
 Riverside Cement Co., Garner A. Beckett, Gen. Mgr., 900 Corporation Bldg., Los Angeles, Calif.
 Rosslyn Steel & Cement Co., M. A. Rhodes, sales Mgr., 3031 K St. NW., Washington, D. C.
 San Antonio Portland Cement Co., C. Baumberger, jr., V. Pres., Station A, P. O. Box 158, San Antonio, Tex.
 Sandusky Cement Co., Wm. B. Newberry, Asst. Mgr., 1002 Engineers Bldg., Cleveland, Ohio.
 Santa Cruz Portland Cement Co., Geo. R. Gay, Gen. Mgr., Crocker Bldg., San Francisco, Calif.
 Signal Mountain Portland Cement Co., R. R. Car, Sec., Station A, Box 1248, Chattanooga, Tenn.
 Southern States Portland Cement Co., B. Cowden, Sec., Rockmart, Ga.
 Southwestern Portland Cement Co., M. A. Kauffman, Sec., 605 H. W. Hellman Bldg., Los Angeles, Calif.

Standard Portland Cement Co., W. A. Davis, V. Pres., 1741 Union Trust Bldg., Cleveland, Ohio.
 Superior Portland Cement (Inc.), Chester N. Reitze, V. Pres., 1003 Seaboard Bldg., Seattle, Wash.
 Texas Portland Cement Co., J. Bryan Oldham, sales Mgr., 1401 Santa Fe Bldg., Dallas, Tex.
 Universal Portland Cement Co., F. H. Stone, Gen. sales Mgr., 208 S. LaSalle St., Chicago, Ill.
 Virginia Portland Cement Corp., Dwight Morgan, V. Pres., 903 Nat. Bank of Commerce Bldg., Norfolk, Va.
 Vulcanite Portland Cement Co., W. D. Tober, Pres., 1222 Packard Bldg., 15th & Chestnut Sts., Phila., Pa.

Wabash Portland Cement Co., H. F. Jennings, Sec., 1st National Bldg., Detroit, Mich.
 Washington Building Lime Co., C. H. Slater, Asst. Treas., 524 Equitable Bldg., Balto., Md.
 Wellston Iron Furnace Co., F. E. Sheward, sales Mgr., Jackson, Ohio.
 West Penn Cement Co., O. J. Binford, Gen. Mgr., 233 S. Main St., Butler, Pa.
 Wolverine Portland Cement Co., C. C. Jones, Pres., 5 S. Monroe St., Coldwater, Mich.

Spec. 4b, RAW LINSEED OIL

American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine Street, New Orleans, La.
 Archer Daniels Midland Co., A. F. Berglund, Sec., P. O. Box 2078, Minneapolis, Minn.
 Bisbee Linseed Co., Arthur L. Bisbee, V. Pres., 660 Drexel Bldg., Phila., Pa.
 Calbar Paint & Varnish Co., F. Elwees, V. Pres., 2620 Martha St., Phila., Pa.
 Capitol Paint and Varnish Works (Inc.), H. J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y.
 Cincinnati Oil Works Co., E. J. Bengart, V. Pres., 535 Eggleston Ave., Cincinnati, Ohio.
 Cook Paint & Varnish Co., V. H. Whitelaw, V. Pres., Kansas City, Mo.
 Davis, H. B., Co., H. B. Davis, Pres., Bayard & Severn Sts., Balto., Md.
 Eagle Paint & Varnish Works, H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y.
 Empire Oil & Food Products Co., G. E. Merwin, Pres., 1540 Macadam Rd., Portland, Oreg.
 Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
 Fuller, W. P., & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
 Goodrich, William O., Co., W. H. Eastman, Pres., Hopkins Rd. at Osborn Pl., Milwaukee, Wis.
 Kellogg, Spencer & Sons (Inc.), V. O. Ocer, Gen. sales Mgr., 98 Delaware Ave., Buffalo, N. Y.

Lewis, John T., & Bros. Co., J. W. Gardiner, sales Mgr., 437 Chestnut St., Phila., Pa.
 Mann Bros. Co., John J. Mann, V. Pres., 352 Ohio St., Buffalo, N. Y.
 Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balto., Md.
 Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn.
 Moline Paint Mfg. Co., W. C. Skinner, Sec., 101 16th Street, Moline, Ill.
 National Lead Co., John Findlay, Asst. Mgr., 659 Freeman Ave., Cincinnati, Ohio.
 National Lead Co., Atlantic Branch, N. McWair, Asst. Mgr., 111 Broadway, New York, N. Y.
 Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
 Pittsburg Plate Glass Co., H. E. Reeve, Agt., 2 Chester Ave., Newark, N. J.
 Red Spot Paint & Varnish Co., Harry B. Bausland, Treas., 110 Main St., Evansville, Ind.
 Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va.
 Thompson & Co., John L. Crowley, Supt., 857 W. North Ave., Pittsburgh, Pa.
 United Lead Co., Evans McCarty, V. Pres., 111 Broadway, New York, N. Y.
 Warren Paint & Color Co., R. A. Perry, V. Pres., 700 Wedgewood Ave., Nashville, Tenn.
 Yates & Co. (Inc.), C. M. Yates, jr., Pres., 754 Folsom St., San Francisco, Calif.

Spec. 5, DRY AND PASTE BASIC CARBONATE WHITE LEAD

American Paint Works, R. H. Sullivan, V. Pres., 424 Josephine St., New Orleans, La. (Paste.)
 Apex Color Works (Inc.), L. Liedeker, Sec., 50 W. Broadway, New York, N. Y. (Paste.)
 Born, L., L. Born Propr., 51 W. Queen St., Hampton Va. (Paste.)
 Bradley & Vrooman Co., E. M. Rosenthal, Sec., 2632 S. Dearborn St., Chicago, Ill. (Paste.)
 Calbar Paint & Varnish Co., F. Elwees, V. Pres., 2620 Martha St., Phila., Pa.
 Capitol Paint & Varnish Works (Inc.), H. J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y. (Paste.)
 Carter White Lead Co., F. C. Smith, Sec., 12042 S. Peoria St., Chicago, Ill.
 Central Paint & Varnish Works, B. Barrich, Supt., 63 Prospect St., Brooklyn, N. Y. (Paste.)
 Cook Paint & Varnish Co., V. H. Whitelaw, V. Pres., Kansas City, Mo. (Paste.)
 Coledge, F. J., & Sons (Inc.), G. Martin, Sec., 12 N. Forsyth St., Atlanta, Ga. (Paste.)
 Davis, H. B., Co., H. B. Davis, Pres., Bayard & Severn Sts., Balto., Md.

Detroit White Lead Works, J. V. Carr, sales Mgr., 1960 E. Milwaukee Ave., Detroit, Mich.
 Domino Paint Mfg. Co. (Inc.), F. O'Brien, Pres., 1330 St. Peter St., New Orleans, La. (Paste.)
 Eagle Paint & Varnish Works, H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y.
 Eagle-Picher Lead Co., W. H. Hyat, Asst. sales Mgr., 134 N. LaSalle St., Chicago, Ill.
 Euston Lead Co., M. B. Gay, Sec., 500 Penn Avenue, Scranton, Pa.
 Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
 Frey-Yenkin Paint Co., A. I. Yenkin, Mem. firm, 251 N. Sandusky St., Columbus, Ohio. (Paste.)
 Fuller, W. P., & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
 Hammar Bros. White Lead Co., J. C. Henniges, Sec., 2119 Railway Exchange Bldg., St. Louis, Mo.
 Impervious Paint & Varnish Co., J. S. Peofe, Prop., 161 E. Allen St., Phila., Pa.
 Inland White Lead Co., C. Walton Aborn, Supt., 741 Boston Ave., Chicago, Ill. (Paste.)

International Lead Refining Co., Anaconda Zinc Oxide Dept., F. O. Case, Mgr., 151st & McCook Ave., Chicago, Ind. (Dry.)

Lewis, John T., & Bros. Co., J. W. Gardiner, sales Mgr., 437 Chestnut St., Phila., Pa.

Lucas, John & Co. (Inc.), J. R. Allen, Mgr. marine Dept., 521 Washington St., New York, N. Y.

Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig St., New Orleans, La. (Paste.)

Martin-Semour Co., F. W. Somers, Mgr., 16 Sackett St., Brooklyn, N. Y. (Paste.)

Mathews Paint Co. (Inc.), J. W. Kelleher, Sec., 219 S. Los Angeles St., Los Angeles, Calif. (Paste.)

Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balto., Md. (Paste.)

Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn.

Moline Paint Mfg Co., W. C. Skinner, Sec., 101 16th St., Moline, Ill.

National Lead Co., John Findlay, Asst. Mgr., 659 Freeman Ave., Cincinnati, Ohio.

National Lead Co. (Atlantic branch), McWair, Asst. Mgr., 111 Broadway, New York, N. Y.

National Lead Co., of Calif., A. W. Scott, Asst. Mgr., 235 Montgomery St., San Francisco, Calif.

Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif. (Paste.)

Parr Paint & Color Co., W. J. Parr, Pres., 18312 Syracuse Ave., Cleveland, Ohio. (Paste.)

Red Spot Paint & Varnish Co., H. B. Bausland, Treas., 110 Main St., Evansville, Ind.

St. Louis Surfacers & Paint Co., H. Davis, Pres., 4200 Arlington Ave., St. Louis, Mo. (Paste.)

Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va. (Paste.)

Scientific Production Corp., P. G. Strong, V. Pres., 3852 Grand Central Terminal, New York, N. Y. (Paste.)

United Lead Co., Evans McCarty, V. Pres., 111 Broadway, New York, N. Y.

Western Paint & Varnish Co., J. C. Gelant, V. Pres., Foot of Herman Ave., Duluth, Minn. (Paste.)

Wishnick-Tumpeier (Inc.), Thos. Starkie, V. Pres., 253 Front St., New York, N. Y. (Dry.)

Woolsey, C. A., Paint & Color Co., Harry Woolsey, Sec., 500 Grand St., Jersey City, N. J.

Yarnall Paint Co., Geo. B. Beitzel, V. Pres., Grays Ave. West of 54th St., Phila., Pa. (Paste.)

Spec. 6, BASIC SULPHATE WHITE LEAD, DRY AND PASTE

American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La. (Paste.)

Apex Color Works (Inc.), L. Liedeker, Sec., 50 W. Broadway, New York, N. Y. (Paste.)

Bradley & Vrooman Co., E. M. Rosenthal, Sec., 2632 S. Dearborn Street, Chicago, Ill. (Paste.)

Calbar Paint & Varnish Co., F. Elwees, V. Pres., 2620 Martha St., Phila., Pa.

Capitol Paint & Varnish Works (Inc.), H. J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y. (Paste.)

Central Paint & Varnish Works, B. Barrich, Supt., 63 Prospect St., Brooklyn, N. Y. (Paste.)

Cook Paint & Varnish Co., V. H. Whitelaw, V. Pres., Kansas City, Mo. (Paste.)

Coolidge, F. J., & Sons (Inc.), G. Martin, Sec., 12 N. Forsyth St., Atlanta, Ga. (Paste.)

Davis, H. B., Co., H. B. Davis, Pres., Bayard & Severn Sts., Balto., Md.

Domino Paint Mfg. Co. (Inc.), F. O'Brien, Pres., 1330 St. Peter St., New Orleans, La. (Paste.)

Eagle Paint & Varnish Works, H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y. (Dry.)

Eagle-Picher Lead Co., W. H. Hayt, Asst. sales Mgr., 134 N. LaSalle St., Chicago, Ill.

Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.

Frey-Yenkin Paint Co., A. I. Yenkin, Mem. firm, 251 N. Sandusky St., Columbus, Ohio. (Paste.)

Impervious Paint & Varnish Co., J. S. Peofe, Prop., 161 E. Allen St., Phila., Pa.

Inland White Lead Co., C. Walton Aborn, Supt., 741 Boston Ave., Chicago, Ill. (Paste.)

Lewis, John T., & Bros. Co., J. W. Gardiner, sales Mgr., 437 Chestnut St., Phila., Pa.

Lucas, John, & Co. (Inc.), James R. Allen, Mgr. marine Dept., 521 Washington St., New York, N. Y.

Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig St., New Orleans, La. (Paste.)

Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balto., Md. (Paste.)

Moline Paint Mfg. Co., W. C. Skinner, Sec., 101 16th St., Moline, Ill.

National Lead Co., John Findlay, Asst. Mgr., 659 Freeman Ave., Cincinnati, Ohio. (Dry.)

National Lead Co. (Atlantic Branch), McWair, Asst. Mgr., 111 Broadway, New York, N. Y.

National Lead Co. of Calif., A. W. Scott, Asst. Mgr., 235 Montgomery St., San Francisco, Calif. (Dry.)

Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif. (Paste.)

Parr Paint & Color Co., W. J. Parr, Pres., 18312 Syracuse Ave., Cleveland, Ohio. (Paste.)

Red Spot Paint & Varnish Co., Harry B. Bausland, Treas., 110 Main St., Evansville, Ind.

St. Louis Surfacers & Paint Co., H. Davis, Pres., 4200 Arlington Ave., St. Louis, Mo. (Paste.)

Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va. (Paste.)

Scientific Production Corp., P. F. Strong, V. Pres., 3852 Grand Central Terminal, New York, N. Y. (Paste.)

United Lead Co., Evans McCarty, V. Pres., 111 Broadway, New York, N. Y.

Vallé Co., Dr. Cecilio D. Vallé, 4476 E. 71st St., Cleveland, Ohio.

Western Paint & Varnish Co., J. C. Gelant, V. Pres., Foot of Herman Ave., Duluth, Minn. (Paste.)

Woolsey, C. A., Paint & Color Co., H. Woolsey, Sec., 500 Grand St., Jersey City, N. J.

Yarnall Paint Co., Geo. B. Beitzel, V. Pres., Grays Ave. West of 54th St., Phila., Pa. (Paste.)

Yates & Co. (Inc.), C. M. Yates, jr., Pres., 754 Folson St., San Francisco, Calif. (Paste.)

Spec. 7b, TURPENTINE (GUM SPIRITS OF TURPENTINE AND STEAM DISTILLED WOOD TURPENTINE)

- Bogalusa Turpentine Co., A. C. Long, jr., sales Mgr., Bogalusa, La.
- Calbar Paint & Varnish Co., F. Elwees, V. Pres., 2620 Martha St., Phila., Pa.
- Capitol Paint & Varnish Works (Inc.), H. J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y.
- Champion Fibre Co., R. D. Griffith, sales Mgr., Canton, N. C. (Steam distilled only.)
- Cincinnati Oil Works Co., E. J. Bengart, V. Pres., 535 Eggleston Ave., Cincinnati, Ohio.
- Continental Turpentine & Rosin Corp., F. W. Kressman, V. Pres., P. O. Box 1036, Laurel, Miss.
- Cook Paint & Varnish Co., V. H. Whitelaw, V. Pres., Kansas City, Mo.
- Eagle Paint & Varnish Works (Inc.), H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y. (Gum spirits only.)
- Fuller, W. P., & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
- General Naval Stores Co. (Inc.), E. E. Holdman, V. Pres., 90 West St., New York, N. Y. (Steam distilled only.)
- Gillican Chaplin Co., J. A. Meyers, V. Pres., 1424 Whitney Bank Bldg., New Orleans, La. (Gum spirits only.)
- Hercules Powder Co., A. Longmeir, Asst. Dir. of sales, 900 Market St., Wilmington, Del. (Steam distilled only.)
- Lutcher & Moore Turpentine Works, D. D. Blus, Mgr., Fal, La. (Gum spirits only.)
- Miller & Graham, A. Miller, Mem. firm, 21 S. Gay St., Balto., Md.
- Moline Paint Mfg. Co., W. C. Skinner, Sec., 101 16th St., Moline, Ill. (Gum spirits only.)
- Newton Naval Stores Co., C. S. Newton, Sec., Newco, Miss.
- Pine By Products Corp., J. P. Turregano, Pres., Rapides Bldg., Alexandria, La. (Gum spirits only.)
- Red Spot Paint & Varnish Co., H. B. Bausland, Treas., 110 Main St., Evansville, Ind.
- Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va.
- Sears, H. F., H. F. Sears, owner, Rearson, Ga. (Gum spirits.)
- Taylor, Lowenstein & Co., S. Lowenstein, Mem. firm, Commerce St., Mobile, Ala.
- Thompson & Co., J. L. Crowley, Supt., 857 W. North Ave., Pittsburgh, Pa.
- Warren Paint & Color Co., R. A. Perry, V. Pres., 700 Wedgewood Ave., Nashville, Tenn.

Spec. 8, ZINC OXIDE, DRY AND PASTE

- American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La. (Paste.)
- American Zinc Sales Co. (Inc.), A. W. Dodd, Mgr. of sales, 331 Madison Ave., New York, N. Y. (Dry.)
- Apex Color Works (Inc.), L. Liedeker, Sec., 50 W. Broadway, New York, N. Y. (Paste.)
- Athey, C. M., Paint Co., C. M. Athey, Pres., 500 S. Hanover St., Balto., Md. (Paste.)
- Avalon Paint Corp., F. A. Sage, Pres., 2127 Santee St., Los Angeles, Calif. (Paste.)
- Baltimore Paint & Color Works (Inc.), M. Shuger, Pres., 148 S. Calverton Rd., Balto., Md.
- Benson Paint & Varnish Co., B. J. Benson, Pres., Birmingham, Ala. (Paste.)
- Born, L., L. Born, Prop., 51 W. Queen St., Hampton, Va. (Paste.)
- Bradley & Vrooman Co., E. M. Rosenthal, Sec., 2632 S. Dearborn St., Chicago, Ill. (Paste.)
- Calbar Paint & Varnish Co., F. Elwees, V. Pres., 2020 Martha St., Phila., Pa.
- California Paint Co., M. S. Orrick, V. Pres., 1797 12th St., Oakland, Calif.
- Capitol Paint & Varnish Works (Inc.), H. J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y. (Paste.)
- Central Paint & Varnish Works, Berman Barrich, Supt., 63 Prospect St., Brooklyn, N. Y. (Paste.)
- Chicago White Lead & Oil Co., A. Engelsman, Asst. Sec., 1454 S. Western Ave., Chicago, Ill. (Paste.)
- Cleveland Paint & Color Co., W. A. Alpers, Sec., 1039 W. 11th St., Cleveland, Ohio.
- Cook Paint & Varnish Co., V. H. Whitelaw, V. Pres., Kansas City, Mo. (Paste.)
- Coolidge, F. J., & Sons (Inc.), G. Martin, Sec., 12 N. Forsyth St., Atlanta, Ga. (Paste.)
- Davis, H. B., Co., H. B. Davis, Pres., Bayard & Severn Sts., Balto., Md.
- Devoe & Reynolds Co. (Inc.), R. B. Ayer, Tech. Dir., 1 W. 47th St., New York, N. Y.
- Domino Paint Mfg. Co. (Inc.), F. O'Brien, Pres., 1330 St. Peter St., New Orleans, La. (Paste.)
- Dozier & Gay Paint Co., J. H. Gay, Pres., 46 St. Bay St., Jacksonville, Fla.
- Eagle Paint & Varnish Works, H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y.
- Eagle Picher Lead Co., W. H. Hayt, Asst. sales Mgr., 134 N. La Salle St., Chicago, Ill. (Dry.)
- Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
- Fuller, W. P., & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
- Globe Paint Co., G. B. Spicer, sales Mgr., 202 Market St., Williamsport, Pa. (Paste.)
- Hanline Bros., L. B. Hanline, Mem. firm, 23 S. Howard St., Balto., Md.
- Impervious Paint & Varnish Co., J. S. Peofe, Prop., 161 E. Allen St., Phila., Pa.
- Inland White Lead Co., C. Walton Aborn, Supt., 741 Boston Ave., Chicago, Ill. (Paste.)
- International Lead Refining Co., Anaconda Zinc Oxide Dept., F. O. Case, Mgr., 151st & McCook Ave., E. Chicago, Ind. (Dry.)
- International Paint Corp., E. B. Dunford, Gen. Mgr., 13th St. & Southern Rwy., E. St. Louis, Ill. (Paste.)
- Johnson, Oliver, & Co. (Inc.), D. W. Greene, Treas., 18 Custom House St., Providence, R. I. (Paste.)
- Lampton, Crane & Ramey Co., A. E. Warfield, V. Pres., 1201 Story Ave., Louisville, Ky. (Paste.)
- Lawrence, W. W., & Co., C. D. Wettach, Pres., W. Carson St., Pittsburgh, Pa. (Paste.)
- Leavitt, Louis, Phillip H. Leavitt, Mgr., 454 Driggs Ave., Brooklyn, N. Y. (Paste.)
- Lucas, John, & Co. (Inc.), J. R. Allen, Mgr. marine Dept., 521 Washington St., New York, N. Y.
- Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig St., New Orleans, La. (Paste.)
- Mathews Paint Co. (Inc.), J. W. Kelleher, Sec., 219 S. Los Angeles St., Los Angeles, Calif. (Paste.)

McMurtry Mfg. Co., A. G. Barr, salesman, 1533 Arapahoe St., Denver, Colo.
 Miller & Graham, A. Miller, Mem. firm, 21 S. Gay St., Balto., Md. (Paste)
 Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn.
 Moore, Benjamin & Co., L. A. Diddle, Mgr., 4400 E. 71st St., Cleveland, Ohio. (Paste.)
 Moore, Benjamin, & Co., Geo. W. Jenkin, Asst. Treas., 511 Canal St., New York, N. Y. (Paste.)
 Moline Paint Mfg. Co., W. C. Skinner, Sec., 101 16th St., Moline, Ill.
 New Jersey Zinc Sales Co., M. S. Haury, Gen. sales Mgr., 160 Front St., New York, N. Y. (Dry.)
 Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif. (Paste.)
 Parr Paint & Color Co., W. J. Parr, Pres., 18312 Syracuse Ave., Cleveland, Ohio. (Paste.)
 Peaslee Gaulbert Paint & Varnish Co., H. F. Fitzpatrick, Asst. Mgr. trade sales, 223 N. 15th St., Louisville, Ky. (Paste.)
 Philipp Bros. (Inc.), G. F. Smith, Mgr. Chem. Dept., 233 Broadway, New York, N. Y. (Dry.)
 Phoenix Paint & Varnish Co., W. G. Hodgson, Sec., 124 Market St., Phila., Pa. (Paste.)
 Porter Paint Co., P. T. Eitel, Asst., Sec., 401 S. 14th St., Louisville, Ky.
 Red Spot Paint & Varnish Co., H. B. Bausland, 110 Main St., Evansville, Ind.
 St. Louis Surfacers & Paint Co., H. Davis, Pres., 4200 Arlington Ave., St. Louis, Mo. (Paste.)

Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va. (Paste.)
 Scientific Production Corp., P. G. Strong, V. Pres., 3852 Grand Cent. Terminal, New York, N. Y. (Paste.)
 Sewall Paint & Varnish Co., A. C. Bale, V. Pres., 1009 W. 8th St., Kansas City, Mo. (Paste.)
 Sheldon, Albert K., Co., A. K. Sheldon, Pres., 187 Broadway, Cambridge, Mass. (Paste.)
 Solastic Products Co. (Inc.), H. M. Rudd, Pres., 3018 Ninth Ave. S., Seattle, Wash. (Paste.)
 Tampa Paint & Varnish Co., E. B. Cordon, Mgr., 104 Washington St., Tampa, Fla. (Paste.)
 Tibbetts, H. R., Paint Co., H. R. Tibbetts, V. Pres., 1616 E. 14th St., Los Angeles, Calif. (Paste.)
 Vallé Co., Dr. Cecilio D. Vallé, Pres., 4476 E. 71st St., Cleveland, Ohio.
 Varcraft Works (Inc.), F. A. Wertz, Prod. Mgr., Keim & Cross Sts., Pottstown, Pa. (Paste.)
 Western Paint & Varnish Co., J. C. Gelant, V. Pres., Foot of Herman Ave., Duluth, Minn. (Paste.)
 Wetherill, Geo. D., & Co. (Inc.), S. D. Davis, Tech. Dir., 113 Arch St., Phila., Pa.
 Whittaker, Clark & Daniels (Inc.), W. B. Daniels, Treas., 245 Front St., New York, N. Y. (Dry.)
 Woolsey, C. A., Paint & Color Co., H. Woolsey, Sec., 500 Grand St., Jersey City, N. J.
 Yarnall Paint Co., Geo. B. Beitzel, V. Pres., Grays Ave. West of 54th St., Phila., Pa. (Paste.)
 Yates & Co. (Inc.), C. M. Yates, jr., Pres., 754 Folsom St., San Francisco, Calif.

Spec. 9, LEADED ZINC OXIDE, DRY AND PASTE

American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La. (Paste.)
 American Zinc Sales Co. (Inc.), A. W. Dodd, Mgr. Sales, 331 Madison Ave., New York, N. Y. (Dry.)
 Apex Color Works (Inc.), L. Liedeker, Sec., 50 W. Broadway, New York, N. Y. (Paste.)
 Benson Paint & Varnish Co., B. Y. Benson, Pres., Birmingham, Ala. (Paste.)
 Bradley & Vrooman Co., E. M. Rosenthal, Sec., 2632 S. Dearborn St., Chicago, Ill. (Paste.)
 Calbar Paint & Varnish Co., F. E. Elwees, V. Pres., 2620 Martha St., Phila., Pa.
 California Paint Co., M. S. Orrick, V. Pres., 1797 12th St., Oakland, Calif.
 Chicago White Lead and Oil Co., A. Engelsman, Asst. Sec., 1454 S. Western Ave., Chicago, Ill. (Paste.)
 Cook Paint & Varnish Co., V. H. Whitelaw, V. Pres., Kansas City, Mo. (Paste.)
 Cooledge, F. J., & Sons (Inc.), G. Martin, Sec., 12 N. Forsyth St., Atlanta, Ga. (Paste.)
 Davis, H. B., Co., H. B. Davis, Pres., Bayar & Severn Sts., Balto., Md.
 Domino Paint Mfg. Co., F. O'Brien, Pres., 1330 St. Peter St., New Orleans, La. (Paste.)
 Dozier & Gay Paint Co., J. H. Gay, Pres., 41st W. Bay St., Jacksonville, Fla.
 Eagle Paint & Varnish Works (Inc.), H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y.
 Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
 Fuller, W. P., & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
 Globe Paint Co., Geo. B. Spicer, sales Mgr., 202 Market St., Williamsport, Pa. (Paste.)
 Grasselli Chemical Co., N. S. Cashman, Asst. Sec., 1300 Guardian Bldg., Cleveland, Ohio. (Dry.)
 Hanline Bros., L. Hanline, Mem. firm, 23 S. Howard St., Balto., Md.

Impervious Paint & Varnish Co., J. S. Peofe, Prop., 161 E. Allen St., Phila. Pa.
 Lampton, Crane & Ramey Co., A. E. Warfield, V. Pres., 1201 Story Ave., Louisville, Ky. (Paste.)
 Lawrence, W. W., & Co., C. D. Wettach, Pres., W. Carson St., Pittsburgh, Pa. (Paste.)
 Leavitt, Louis, Phillip Leavitt, Mgr., 454 Driggs Ave., Brooklyn, N. Y. (Paste.)
 Liebich, G. J., Co., H. J. Donner, Sec., 166 W. Kinzie St., Chicago, Ill. (Paste.)
 Lucas, John, & Co. (Inc.), J. R. Allen, Mgr. marine Dept., 521 Washington St., New York, N. Y.
 Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig Street, New Orleans, La. (Paste.)
 McMurtry Mfg. Co., A. G. Barr, salesman, 1533 Arapahoe St., Denver, Colo.
 Miller & Graham, A. Miller, Mem. firm, 21 S. Gay St., Balto., Md. (Paste.)
 Moore, Benjamin, & Co., L. A. Diddle, Mgr., 4400 E. 71st St., Cleveland, Ohio. (Paste.)
 Moline Paint Mfg. Co., W. C. Skinner, Sec., 101 16th St., Moline, Ill.
 New Jersey Zinc Sales Co., M. S. Haury, Gen. sales Mgr., 160 Front St., New York, N. Y. (Dry.)
 Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif. (Paste.)
 Ozark Smelting & Mining Co., Oliver Box, Gen. Supt., Smelter-Coffeyville, Kansas. (Dry.)
 Parr Paint & Color Co., W. J. Parr, Pres., 18312 Syracuse Ave., Cleveland, Ohio. (Paste.)
 Peaslee Gaulbert Paint & Varnish Co., H. F. Fitzpatrick, Asst. Mgr. trade sales, 223 N. 15th St., Louisville, Ky. (Paste.)
 Phoenix Paint & Varnish Co., W. G. Hodgson, Sec., 124 Market St., Phila., Pa. (Paste.)
 Red Spot Paint & Varnish Co., H. B. Bausland, Treas., 110 Main St., Evansville, Ind.
 Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va.

- Scientific Production Corp., P. G. Strong, V. Pres., 3852 Grand Cent. Terminal, New York, N. Y. (Paste.)
- Sheldon, Albert K., Co., A. K. Sheldon, Pres., 187 Broadway, Cambridge, Mass. (Paste.)
- Solastic Products Co. (Inc.), H. J. Rudd, Pres., 3018 Ninth Ave. S., Seattle, Wash. (Paste.)
- Tibbetts, H. R., Paint Co., H. R. Tibbetts, V. Pres., 1616 E. 14th St., Los Angeles, Calif. (Paste.)
- Valle Co., Dr. Cecilio D. Vallé, Pres., 4476 E. 71st St., Cleveland, Ohio.
- Vancraft Works (Inc.), F. A. Wertz, Prod. Mgr., Keim & Cross Sts., Pottstown, Pa. (Paste.)
- Wetherill, Geo. D., & Co. (Inc.), S. D. Davis, Tech. Dir., 113 Arch St., Phila., Pa.
- Woolsey, C. A., Paint & Color Co., H. Woolsey, Sec., 500 Grand St., Jersey City, N. J. (Paste.)
- Yarnall Paint Co., Geo. B. Beitzel, V. Pres., Grays Ave. West of 54th St., Phila., Pa. (Paste.)
- Yates & Co. (Inc.), C. M. Yates, jr., Pres., 754 Folsom St., San Francisco, Calif. (Paste.)

Spec. 10b, WHITE PAINT AND TINTED PAINTS MADE ON A WHITE BASE, SEMIPASTE AND READY MIXED

- Adelphi Paint & Color Works (Inc.), Osser Einhorn, Pres., 86 St. & Old S. Road, Woodhaven, Long Island, N. Y.
- Allentown Mfg. Co., H. J. Kroesche, Chem., East Allen & Graham St., Allentown, Pa.
- Alpers, W. A., Co., W. A. Alpers, Pres., 1039 W. 11th St., Cleveland, Ohio.
- American Paint & Supply Co., L. H. Ferguson, Asst. Sec., Box 891, Dallas, Tex.
- American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La.
- Apex Color Works (Inc.), L. Liedeker, Sec., 50 W. Broadway, New York, N. Y.
- Arco Co., David Andrews, V. Pres., 7301 Bessemer Ave., Cleveland, Ohio.
- Arlington Paint & Varnish Co., Alfred B. Stellwagon, Mgr., 1329 Harrison Ave., S. W., Canton, Ohio.
- Arnesto Paint Co. (Inc.), M. Arnstern, Pres., 546 W. 46th St., New York, N. Y.
- Ashland Paint Co., E. W. Miller, Gen. Mgr., Huntington, W. Va.
- Athey, C. M., Paint Co., C. M. Athey, Pres., 500 S. Hanover St., Balto., Md.
- Avalon Paint Corp., F. A. Sage, Pres., 2127 Santee St., Los Angeles, Calif.
- Baltimore Paint & Color Works (Inc.), Morris Shuger, Pres., 148 South Calverton Rd., Balto., Md.
- Benson Paint & Varnish Co., B. Y. Benson, Pres., Birmingham, Ala.
- Blackburn Varnish Co., Joseph G. Morris, Pres., Dana & Floral Aves., Cincinnati, Ohio.
- Blue Ribbon Paint Co., G. W. Vogt, V. Pres., 2321 Main St., Wheeling, W. Va.
- Boatwright Paint & Varnish Works, T. B. Boatwright, Pres., 134 Walker St., Atlanta, Ga.
- Born, L., L. Born, Prop., 51 W. Queen St., Hampton, Va.
- Bradford, James, Co., W. M. Francis, Pres., 212 Market St., Wilmington, Del.
- Bradley & Vrooman Co., E. M. Rosenthal, Sec., 2632 S. Dearborn St., Chicago, Ill.
- Breinig Bros. (Inc.), W. B. Fuller, Gen. Mgr., 3d & Grand Sts., Hoboken, N. J.
- Briggs-Maroney Co. (Inc.), George J. Beake, Sec., 85 Paris St., Everett, Mass.
- Calbar Paint & Varnish Co., F. Elwees, V. Pres., 2620 Martha St., Phila., Pa.
- California Paint Co., M. S. Orrick, V. Pres., 1797 12th St., Oakland, Calif.
- Capital Paint Co. (Inc.), J. C. Smith, Pres., South Washington, Va.
- Capitol Paint & Varnish Works (Inc.), H. J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y.
- Casad, James G. Co., James G. Casad, Pres., 601 Romine St., Urbana, Ill.
- Central Paint & Varnish Works, Bernard Barrich, Supt., 63 Prospect St., Brooklyn, N. Y.
- Certain-teed Products Corp., Dntro C. Cole, V. Pres., 100 East 42d St., New York, N. Y.
- Chicago White Lead & Oil Co., Albert Engelsman, asst. Sec., 1454 S. Western Ave., Chicago, Ill.
- Cleveland Paint & Color Co., W. A. Alpers, Sec., 1039 W. 11th St., Cleveland, Ohio.
- Cochran, John P., Co., H. Blood, Sec., 19000 Wynnewood, Rd., Cleveland, Ohio.
- Cook Paint & Varnish Co., V. H. Whitelaw, V. Pres., Kansas City, Mo.
- Cooledge, F. J., & Sons, Frier Martin, Sec., 12 N. Forsyth St., Atlanta, Ga.
- Davis, H. B., Co., H. B. Davis, Pres., Bayard & Severn Sts., Balto., Md.
- Davis Paint Co., L. O. Hawkinson, V. Pres., 14th & Iron Sts., N. Kansas City, Mo.
- Dean & Barry Co., George W. McKay, Treas., 296 N. Water Sts., Columbus, Ohio.
- Denny, Hilborn & Rosenbach (Inc.), M. P. Rosenbach, Treas., 230 N. 12th St., Phila., Pa.
- De Soto Paint & Varnish Co., E. R. Herbert, sales promotion Dir., Broadway & S. Somerville Sts., Memphis, Tenn.
- Detroit White Lead Works, J. V. Carr, sales Mgr., 1960 E. Milwaukee Ave., Detroit, Mich.
- Devoe & Reynolds Co. (Inc.), Richard B. Ayer, Tech. Dir. & Asst. Sec., 1 W. 47th St., New York, N. Y.
- Dolphin Paint & Varnish Co., Julius Blum, 2d V. Pres., Champlain & Locust Sts., Toledo, Ohio.
- Domino Paint Mfg. Co. (Inc.), F. O'Brien, Pres., 1330 St. Peter St., New Orleans, La.
- Dozier & Gay Paint Co., J. H. Gay, Pres., 46 W. Bay St., Jacksonville, Fla.
- Eagle Paint & Varnish Works (Inc.), H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y.
- Elkhart Enamel & Paint Corp., W. F. Steep, Gen. Mgr., Crawford St., Elkhart, Ind.
- Elliott Varnish Co., H. A. Rowland, Pres., 4525 W. Fifth Ave., Chicago, Ill.
- Ernecke & Salmstein Co., Richard Wasseruling, Mgr., 944 W. North Ave., Chicago, Ill. (Ready mixed.)
- Farboil Paint Co., M. D. Swartz, owner, Easter Ave. & 11th St., Balto., Md.
- Federal Composition & Paint Co., G. H. Miles, Ch. clerk, 33 Rector St., New York, N. Y.
- Felton-Sibley & Co. (Inc.), A. D. Graf, Sales Mgr., 136 N. 4th St., Phila., Pa.
- Fitch-Riggall Paint & Varnish Co., Albert Riggall, Pres., 315 Market St., Phila., Pa.
- Forman, Ford & Co., A. E. Clerihem, Pres., 111 Second St. S., Minneapolis, Minn.
- Franklin Paint Co., S. S. Sanders, Gen. Mgr., 8203 Franklin Ave., Cleveland, Ohio. (Ready mixed.)
- Frazer Paint Co., W. E. Hanes, V. Pres., 2475 Hubbard Ave., Detroit, Mich.

- Frey-Yenkin Paint Co., A. I. Yenkin, Mem. firm, 251 N. Sandusky St., Columbus, Ohio.
- Fuller, W. P. & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
- Furrolin Paint Fire Proofing Co. (Inc.), G. F. Senstor, Sec., 216 West Kinzie St., Chicago, Ill. (Ready Mixed.)
- Garland Co., L. J. Pfister, V. Pres., 3748 E. 91st St., Cleveland, Ohio.
- General Paint & Varnish Co., T. H. Bigelow, Pres., 2001 Mendell St., Chicago, Ill.
- Glidden Co., M. Gillican, V. Pres., Madison Ave. & Berea Rd., Cleveland, Ohio.
- Globe Paint Co., Geo. B. Spicer, Sales Mgr., 202 Market St., Williamsport, Pa.
- Goheen Corp. of N. J., E. Ress, Sec., 202 Emmett St., Newark, N. J.
- Hampden Paint & Chem. Co., W. Lee Costigan, Asst. Sec., 161 Armory St., Springfield, Mass.
- Hancock Paint & Varnish Co., Edwin J. Heap, V. Pres., Atlantic, Mass.
- Hanline Bros., Leon H. Hanline, Mem. firm, 23 S. Howard St., Balto., Md.
- Harper-Scott Paint Mfg. Co., H. C. Hain, Sec., 700 N. Main St., St. Louis, Mo.
- Henderson & Johnson (Inc.), R. B. Henderson, Pres., 121 Duncan St., Gloucester, Mass. (Ready Mixed.)
- Herock Mfg. Co., Fred L. Herr, partner, Wheatland St., Phoenixville, Pa.
- Hirshberg Paint Co., Morton M. Goldsmith, Sec., 106 W. Pratt St., Balto., Md.
- Hockaday (Inc), J. H. Hirsch, Pres., 1823 Carroll Ave., Chicago, Ill.
- Hunt, J. W., J. W. Hunt, Prop., 1221 New York Ave., NW, Washington, D. C.
- Impervious Paint & Varnish Co., J. E. Peofe, Prop., 161 E. Allen St., Philadelphia, Pa.
- Industrial Paint Co., H. B. Charles, Sec., 1444 Oliver Bldg., Pittsburgh, Pa.
- Inland White Lead Co., C. Walton Aborn, Supt., 741 Boston Ave., Chicago, Ill.
- International Paint Corp., E. R. Dunford, Gen. Mgr., 13th St. & Southern Ry., East St. Louis, Ill.
- Johnson, A. S., & Co., G. W. Johnson, Mgr., 1142 Broadway, Tacoma, Wash.
- Johnson, Oliver & Co. (Inc.), Denison W. Greene, Treas., 18 Custom House St., Providence, R. I.
- Johnston, R. F., Paint Co., A. Johnston, Pres., Pearl & Main Sts., Cincinnati, Ohio.
- Jones-Dabney Co. (Inc.), E. J. Probeck, Prod. Mgr., 1481 S. 11th St., Louisville, Ky.
- Jones & Dillingham, H. L. Jones, Asst. Mgr., 713 First Ave., Spokane, Wash.
- Joseph Mfg. Co., Joseph S. Pedrick, owner, 122 Chestnut Ave., Woodlynne, N. J.
- Keystone Varnish Co., R. W. Everett, Sec., 71 Otsego St., Brooklyn, N. Y.
- King, William H., & Co., Parker D. King, Pres., 66 Kane St., Brooklyn, N. Y.
- Kohler-McLister Paint Co., Frank McLister, Mgr., W. 13th & Osage, Denver, Colo.
- Lawrence, W. W., & Co., C. D. Wettach, Pres., W. Carson St., Pittsburgh, Pa.
- Leavitt, Louis, Phillip W. Leavitt, Mgr., 454 Driggs Ave., Brooklyn, N. Y.
- Leitch Mfg. Co., I. J. Miners, V. Pres., 342 Madison Ave., New York, N. Y.
- Lewis, John T., & Bros. Co., J. W. Gardiner, sales Mgr., 437 Chestnut Street, Phila., Pa.
- Liebich, G. J., Co., Harry E. Dorner, Sec., 166 W. Kinzie St., Chicago, Ill. (Ready mixed.)
- Lincoln Paint & Color Co., H. H. McVicher, Asst. sales Mgr., 811 M St., Lincoln, Nebr.
- Lino Paint Co., A. H. Clinco, V. Pres., 16908 Waterloo Rd., Cleveland, Ohio.
- Long, Chas. R. jr. Co., Samuel S. Demarest, V. Pres., 1520 W. Hill St., Louisville, Ky.
- Louisville Paint Mfg. Co., L. E. First, Sec., 1112 W. Main St., Louisville, Ky.
- Lucas, John & Co. (Inc.), James R. Allen, Mgr. marine Dept., 521 Washington St., New York, N. Y.
- Lucas, John & Co. (Inc.), G. Johannes, Mgr. industrial sales, 322 Race Street, Phila., Pa.
- Mahoning Paint & Oil Co., B. Nichols, Sec., 653 Jones St., Youngstown, Ohio.
- Marietta Paint & Color Co., W. H. Campbell, V. Pres., Greene & Acme Sts., Marietta, Ohio.
- Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig St., New Orleans, La.
- Martin-Semour Co., F. W. Somers, Mgr., 18 Sackett St., Brooklyn, N. Y.
- Mathews Paint Co. (Inc.), J. Kelleher, Sec., 219 S. Los Angeles St., Los Angeles, Calif.
- McDaniel Paint & Varnish Co., Irwin M. Severson, V. Pres., 1500 W. Kinzie St., Chicago, Ill.
- McDougall-Butler Co. (Inc.), F. M. Graves, V. Pres., 6 Evans St., Buffalo, N. Y.
- McMurtry Mfg. Co., Allan G. Barr, salesman, 1533 Arapahoe St., Denver, Colo.
- McNamara, Michael, Varnish Works, Michael McNamara, V. Pres., 2538 Clark Ave., Detroit, Mich.
- Merkin, M. J., Paint Co. (Inc.), Edward Burger, Tech. Mgr., 25 Spruce St., New York, N. Y.
- Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balto., Md.
- Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn.
- Mobile Paint Mfg. Co., R. S. Butler, Pres., Dauphin & Water Sts., Mobile, Ala.
- Moline Paint Mfg. Co., Warren C. Skinner, Sec., 101 16th St., Moline, Ill.
- Monad Paint & Varnish Co., Daniel J. McCrudden, jr., Prop., Roberts Ave. & Penna. R. R., Phila., Pa.
- Moore, Benjamin & Co., L. A. Diddle, Mgr., 4400 E. 71st St., Cleveland, Ohio.
- Moore, Benjamin & Co., Geo. Jenkin, Asst. Treas., 511 Canal St., New York, N. Y. (Ready mixed.)
- Moore, Benjamin, & Co., Richard Moore, Mgr. Dir., 1600 S. 2d St., St. Louis, Mo.
- Mutual Paint Co., N. P. Malvern, Gen. Mgr., 700 Vandalia, St. Paul, Minn.
- Mutual Paint Mfg. Co., W. W. C. Schewitt, Mgr., 826 S. 18th St., St. Louis, Mo.
- Natroco Paint & Varnish Works, H. B. Fleming, Mgr., Fillmore Ave., Tonawanda, N. Y.
- North Star Varnish Co., E. Hough, Pres., 608 Vandalia, St. Paul, Minn. (Ready mixed.)
- Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
- Oxford Varnish Corp., A. P. Talliman, chmn. Bd. of Dir., 350 Morris St., Toledo, Ohio. (Ready mixed.)
- Paraffine Co. (Inc.), E. R. DeGraf, Mgr. paint Dept., 475 Brannan St., San Francisco, Calif.
- Parr Paint & Color Co., W. J. Parr, Pres., 18312 Syracuse Ave., Cleveland, Ohio.
- Patek Bros. (Inc.), W. O. Lomaz, V. Pres., 230 E. Water St., Milwaukee, Wis.
- Peaslee Gaulbert Paint & Varnish Co., H. Fitzpatrick, Asst. Mgr. trade sales, 223 N. 15th St., Louisville, Ky.

- Pecora Paint Co., S. B. Bowen, Pres., 3501 N. Fourth St., Phila., Pa.
- Perry & Derrick Co. (Inc.), F. J. Derrick, Pres., 906 Central Ave., Cincinnati, Ohio.
- Phelan-Faust Paint Mfg. Co., R. E. Young, Mgr., 1215 Pine St., St. Louis, Mo.
- Phoenix Paint & Varnish Co., W. Gentry Hodgson, Sec., 124 Market St., Phila., Pa.
- Pittsburgh Plate Glass Co., H. E. Reeve, Agt., 2 Chester Ave., Newark, N. J.
- Porter Paint Co., Paul T. Eitel, Asst. Sec., 401 S. 14th St., Louisville, Ky.
- Red Spot Paint & Varnish Co., Harry B. Bausland, Treas., 110 Main St., Evansville, Ind.
- Reliable Paint Co., W. L. Mullin, Pres., 906 E. Main St., Louisville, Ky.
- Republic Varnish Co., Samuel S. Long, Pres., 201 Thomas St., Newark, N. J.
- Ridgeway-Quest Co., T. F. Chamberlain, jr., Asst. Treas., 2514 W. 48th Place, Chicago, Ill.
- St. Louis Surfacers & Paint Co., H. Davis, Pres., 4200 Arlington Ave., St. Louis, Mo.
- St. Paul White Lead & Oil Co., W. Sweeney, V. Pres., Water & Starkey Sts., St. Paul, Minn.
- Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va.
- Sargent-Gerke Co., W. H. Gerke, Pres., W. 15th & Big 4 R. R., Indianapolis, Ind.
- Scientific Production Corp., Philip G. Strong, V. Pres., 3852 Grand Cent. Terminal, N. Y.
- Seidlitz Paint & Varnish Co., J. F. Hammond, V. Pres., 18th & Garfield Sts., Kansas City, Mo.
- Sewall Paint & Varnish Co., A. C. Bales, V. Pres., 1009 W. 8th St., Kansas City, Mo.
- Sheldon, Albert K., Co., Albert K. Sheldon, Pres., 187 Broadway, Cambridge, Mass.
- Sipe, James B., & Co., J. C. Adderly, V. Pres., 704 Chamber of Commerce Bldg., Pittsburgh, Pa.
- Solastic Products Co. (Inc.), Harold J. Rudd, Pres., 3018 Ninth Ave., S., Seattle, Wash.
- Sommers & Co. (Ltd.), J. Minxers, Pres., 342 Madison Ave., New York, N. Y.
- Special Products Co., Clay Littleton, owner, 2412 Trenton Ave., Bristol, Pa.
- Spruance, Gilbert, Co., Gilbert Spruance, Pres., Richmond & Tioga Sts., Phila., Pa.
- Standard Paint & Lead Works (Inc.), G. C. Bonstrom, Treas., Willey Ave. on Big 4 R. R., Cleveland, Ohio.
- Sterling Paint Co., W. D. Bergerin, Gen. Mgr., 6460 Green St., Emeryville, Calif.
- Sterling Paint & Varnish Co., A. E. Cole, Pres., 170 Border St., East Boston, Mass.
- Stewart Bros. Paint Co., W. E. Stewart, Sec., 999 N. Union Ave., Alliance, Ohio.
- Stewart Paint Mfg. Co., E. W. Stewart, Pres., 1729 Second St., N., Minneapolis, Minn.
- Sunset Color Works, Reinhold H. Ocelli, Mgr., 40 East 1 S., Salt Lake City, Utah.
- Suydam, M. B., Co., R. S. Suydam, Pres., Island & Preble Aves., Pittsburgh, Pa.
- Tampa Paint & Varnish Co., E. B. Cordon, Mgr., 104 Washington St., Tampa, Fla.
- Thompson & Co., John L. Crowley, Supt., 857 W. North Ave., Pittsburgh, Pa.
- Thomson Wood Finishing Co., Jack Binswanger, Tech. Dir., 829 N. Third St., Phila., Pa.
- Tibbetts, H. R., Paint Co., H. R. Tibbetts, V. Pres., 1616 E. 14th St., Los Angeles, Calif.
- Toch Bros. (Inc.), Maximilian Toch, V. Pres., 443 4th Ave., New York, N. Y.
- Tower Varnish & Dryer Co., C. G. Grunler, Sec., Dayton, Ohio. (Ready mixed.)
- Tropical Paint & Oil Co., R. G. Hascall, Pres., 1240 W. 70th St., Cleveland, Ohio.
- Truscon Laboratories, J. J. Super, Asst. Gen. Mgr., Caniff & G. T. R. R., Detroit, Mich.
- Utley Paint Co. (Inc.), E. Newith, jr., Sec., 1126 Gravier St., New Orleans, La.
- Vallé Co., Dr. Cecilio D. Vallé, Pres., 4476 E. 71st St., Cleveland, Ohio.
- Varcraft Works (Inc.), F. A. Wertz, Prod. Mgr., Keim & Cross St., Pottstown, Pa.
- Wamblu Corp., Emil M. Blatau, Sec., 1326 Ridge Rd., Rochester, N. Y.
- Warren Paint & Color Co., Raymond A. Perry, V. Pres., 700 Wedgewood Ave., Nashville, Tenn.
- West Chemical & Paint Co., H. M. Sorrick, Pres., Springport, Mich.
- Western Paint & Varnish Co., John C. Gelant, V. Pres., foot of Herman Ave., Duluth, Minn.
- Wetherill, Geo. D., & Co. (Inc.), S. D. Davis, Tech. Dir., 113 Arch St., Phila., Pa.
- White Co., J. Benesch, Asst. Sec., Loney Lane & Biddle St., Balto., Md.
- Whitelam, J. E., Mfg. Co., J. C. Whitlam, Prop., W. Walnut St., Wadsworth, Ohio.
- Wilson Paint Co., A. W. Schreineg, Sec., 410 Reading Rd., Cincinnati, Ohio.
- Witte, John H., & Sons, William A. Witte, partner, 206 Jefferson St., Burlington, Iowa.
- Woolsey, C. A., Paint & Color Co., Harry Woolsey, Sec., 500 Grand Street, Jersey City, N. J.
- Yarnall Paint Co., Geo. B. Beitzel, V. Pres., Grays Ave. west of 54th St., Phila., Pa.
- Yates & Co. (Inc.), C. M. Yates, jr., Pres., 754 Folsom St., San Francisco, Calif.

Spec. 11, RED LEAD, DRY AND PASTE

- American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La. (Paste.)
- Apex Color Works (Inc.), L. Liedeker, Sec., 50 W. Broadway, New York, N. Y. (Paste.)
- Arlington Paint & Varnish Co., Alfred B. Stellwagon, Mgr., 1329 Harrison Ave., S. W., Canton, Ohio. (Paste.)
- Arnesto Paint Co. (Inc.), M. Arnstern, Pres., 546 W. 46th St., New York, N. Y.
- Baltimore Paint & Color Works (Inc.), Morris Shuger, Pres., 148 S. Calverton Rd., Balto., Md.
- Blatz Co., W. J. Rice, V. Pres., 319 San Shelby St., Louisville, Ky.
- Born, L., L. Born, Prop., 51 W. Queen St., Hampton, Va. (Paste.)
- Bradford, James, Co., W. M. Francis, Pres., 212 Market St., Wilmington, Del.
- Bradley & Vrooman Co., E. M. Rosenthal, Sec., 2632 S. Dearborn St., Chicago, Ill. (Paste.)
- California Paint Co., M. S. Orrick, V. Pres., 1797 12th St., Oakland, Calif.
- Capitol Paint & Varnish Works (Inc.), Henry J. Gilbert, V. Pres., Brooklyn, N. Y. (Paste.)
- Central Paint & Varnish Works, Bernard Barrich, Tech. Dir., 63 Prospect St., Brooklyn, N. Y. (Paste.)
- Certain-teed Products Corp., Dntro C. Cole, V. Pres., 100 E. 42d St., New York, N. Y. (Paste.)
- Chadwick Boston Lead Co., G. A. Coleman, Asst. Mgr., 800 Albany St., Boston, Mass.

Cochran, John P., Co., H. Blood, Sec., 19000 Wynnewood Rd., Cleveland, Ohio.
 Cook Paint & Varnish Co., V. H. Whitelaw, V. Pres., Kansas City, Mo. (Paste.)
 Cooledge, F. J. & Sons (Inc.), Grier Martin, Sec., 12 N. Forsyth St., Atlanta, Ga. (Paste.)
 Dozier Gay Paint Co., J. H. Gay, Pres., 46th Bay St., Jacksonville, Fla.
 Eagle Paint & Varnish Works, H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y.
 Eagle-Picher Lead Co., W. H. Hayt, Asst. sales Mgr., 134 N. LaSalle St., Chicago, Ill.
 Evans Wallower Lead Co., Ray M. Evans, V. Pres., Box 1247, Charleston, W. Va. (Dry.)
 Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
 Fuller, W. P. & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
 Hammar Bros. White Lead Co., J. C. Henniges, Sec., 2119 Railway Exchange Bldg., St. Louis, Mo.
 Impervious Paint & Varnish Co., J. S. Peofe, Prop., 161 E. Allen St., Phila., Pa.
 Inland White Lead Co., C. Walton Aborn, Supt., 741 Boston Ave., Chicago, Ill. (Paste.)
 Kohler-McLister Paint Co., R. McLister, Mgr., W. 13th & Osage, Denver, Colo. (Paste.)
 Lawrence, W. W. & Co., C. D. Wettoch, Pres., W. Carson St., Pittsburgh, Pa. (Paste.)
 Lewis, John T., & Bros. Co., J. W. Gardiner, sales Mgr., 437 Chestnut St., Phila., Pa.
 Lucas, John & Co. (Inc.), James R. Allen, Mgr. marine Dept., 521 Washington St., New York, N. Y.
 Lucas, John & Co., G. Johannes, Mgr. Industrial Sales, 322 Race St., Phila., Pa.
 Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig St., New Orleans, La. (Paste.)
 Mathews Paint Co. (Inc.), J. W. Kelleher, Sec., 219 S. Los Angeles St., Los Angeles, Calif. (Paste.)
 Metals Refining Co., Wm. Wilke, jr., Pres., Summer Blvd. & Hump Rd., Hammond, Ind. (Dry.)
 Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balto., Md.
 Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn.

Mobile Paint Mfg. Co., B. S. Butler, Pres., Dauphin & Water Sts., Mobile, Ala.
 Moline Paint Mfg. Co., Warren C. Skinner, Sec., 101 16th St., Moline, Ill.
 Moore, Benjamin & Co., Richard Moore, Mgr., 2d & Sonlard Sts., St. Louis, Mo.
 National Lead Co., John Findlay, Asst. Mgr., 659 Freeman Ave., Cincinnati, Ohio.
 National Lead Co. (Atlantic branch) McWair, Asst. Mgr., 111 Broadway, New York, N. Y.
 National Lead Co. of Calif., A. W. Scott, Asst. Mgr., 235 Montgomery St., San Francisco, Calif.
 Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif. (Paste.)
 Parr Paint & Color Co., W. J. Parr, Pres., 18312 Syracuse Ave., Cleveland, Ohio. (Paste.)
 Peaslee Gaulbert Paint & Varnish Co., H. Fitzpatrick, Asst. Mgr., trade sales, 223 N. 15th St., Louisville, Ky.
 Phoenix Paint & Varnish Co., W. Gentry Hodgson, Sec., 124 Market St., Phila., Pa. (Paste.)
 Red Spot Paint & Varnish Co., Harry B. Bausland, Treas., 110 Main St., Evansville, Ind.
 St. Louis Surfacers & Paint Co., H. Davis, Pres., 4200 Arlington Ave., St. Louis, Mo. (Paste.)
 Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va. (Paste.)
 Scientific Production Corp., Philip G. Strong, V. Pres., 3852 Grand Cent. Terminal, New York, N. Y. (Paste.)
 Sheldon, Albert K., Co., Albert K. Sheldon, Pres., 187 Broadway, Cambridge, Mass. (Paste.)
 Sipe, James B. & Co., J. C. Adderly, V. Pres., 704 Chamber of Commerce Bldg., Pittsburgh, Pa. (Paste.)
 Tibbetts, H. R., Paint Co., H. R. Tibbetts, V. Pres., 1616 E. 14th St., Los Angeles, Calif. (Paste.)
 United Lead Co., Evans McCarty, V. Pres., 111 Broadway, New York, N. Y.
 Wetherill, Geo. D., & Co. (Inc.), S. D. Davis, Tech. Dir., 113 Arch Street, Phila., Pa.
 Wishnick-Tumpeper (Inc.), Thos. Starkie, V. Pres., 253 Front St., New York, N. Y.
 Woolsey Paint & Color Co., Harry Woolsey, Sec., 500 Grand St., Jersey City, N. J.

Spec. 12, OCHER, DRY AND PASTE

Adelphia Paint & Color Works (Inc.), Osser Einhorn, Pres., 86 St. & Old South Rd., Woodhaven, Long Island, N. Y. (Paste.)
 Alpers, W. A. Co., W. A. Alpers, Pres., 1039 W. 11th St., Cleveland, Ohio. (Paste.)
 American Paint & Supply Co., L. H. Ferguson, Asst. Sec., Box 891, Dallas, Tex. (Paste.)
 American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La. (Paste.)
 Apex Color Works (Inc.), L. Liedeker, Sec., 50 W. Broadway, New York, N. Y. (Paste.)
 Arlington Paint & Varnish Co., Alfred B. Stellwagon, Mgr., 1329 Harrison Ave., S. W., Canton, Ohio. (Paste.)
 Baltimore Paint & Color Works (Inc.), Morris Shuger, Pres., 148 S. Calverton Rd., Balto., Md.
 Benson Paint & Varnish Co., B. Y. Benson, Pres., Birmingham, Ala. (Paste.)
 Binney Smith Co., Norman L. Smith, Dir., 41 E. 42d St., New York, N. Y. (Dry.)
 Blue Ribbon Paint Co., G. W. Vogt, V. Pres., 2321 Main St., Wheeling, W. Va. (Paste.)

Blue Ridge Tale. Co. (Inc.), C. O. Kitson, Sec., P. O. Box 7, Henry, Va. (Dry.)
 Born, L., L. Born, Prop., 51 W. Queen St., Hampton, Va. (Paste.)
 Bradford, James, Co., W. M. Francis, Pres., 212 Market St., Wilmington, Del.
 Bradley & Vrooman Co., E. M. Rosenthal, Sec., 2632 S. Dearborn St., Chicago, Ill. (Paste.)
 Breinig Bros. (Inc.), W. B. Fuller, Gen. Mgr., 3d and Grand Sts., Hoboken, N. J. (Paste.)
 Calbar Paint & Varnish Co., F. Elwell, V. Pres., 2620 Martha St., Phila., Pa.
 California Paint Co., M. S. Orrick, V. Pres., 1797 12th St., Oakland, Calif.
 Capitol Paint & Varnish Works (Inc.), Henry J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y.
 Casad, James G., Co., James G. Casad, Pres., 601 Romine St., Urbana, Ill. (Paste.)
 Central Paint & Varnish Works, Bernard Barrich, Tech. Dir., 63 Prospect St., Brooklyn, N. Y. (Paste.)

- Certain-teed Products Corp., Dntro C. Cole, V. Pres., 100 E. 42d St., New York, N. Y. (Paste.)
- Chicago White Lead & Oil Co., Albert Engelsman, Asst. Sec., 1454 S. Western Ave., Chicago, Ill. (Paste.)
- Cleveland Paint & Color Co., W. A. Alpers, Sec., 1039 W. 11th St., Cleveland, Ohio.
- Cochran, John P., Co., H. C. Blood, Sec., 19000 Wynnewood Rd., Cleveland, Ohio. (Paste.)
- Cook Paint & Varnish Co., V. H. Whitelaw, V. Pres., Kansas City, Mo. (Paste.)
- Coolidge, F. J., & Sons (Inc.), Grier Martin, Sec., 12 N. Forsyth St., Atlanta, Ga. (Paste.)
- Davis, H. B., Co., H. B. Davis, Pres., Bayard & Severn Sts., Balto., Md.
- De Soto Paint & Varnish Co., E. R. Herbert, sales promotion Dir., Broadway & S. Somerville, Memphis, Tenn. (Paste.)
- Devoe & Raynolds Co. (Inc.), Richard B. Ayer, Tech. Dir., 1 W. 47th St., New York, N. Y.
- Dolphin Paint & Varnish Co., Julius Blum, 2d V. Pres., Champlain & Locust Sts., Toledo, Ohio. (Paste.)
- Domino Paint Mfg. Co. (Inc.), F. O'Brien, Pres., 1330 St. Peter St., New Orleans, La. (Paste.)
- Dozier Gay Paint Co., J. H. Gay, Pres., 46 W. Bay St., Jacksonville, Fla.
- Eagle Paint & Varnish Works (Inc.), H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y.
- Felton-Sibley & Co. (Inc.), A. D. Graf, sales mgr., 136 N. 4th St., Phila., Pa.
- Fitch-Riggall Paint & Varnish Co., Albert Riggall, Pres., 315 Market St., Phila., Pa.
- Flynt Silica & Spar Co. (Inc.), E. Spencer, Sec., 1047 Richmond St., Los Angeles, Calif. (Dry.)
- Forman, Ford & Co., A. E. Clerihem, Pres., 111 Second St., S., Minneapolis, Minn. (Paste.)
- Fox Ewing, M., Co. (Inc.), Louis V. Fox, Treas., 136 St. & Rider Ave., New York, N. Y. (Dry.)
- Frey-Yenkin Paint Co., A. I. Yenkin, Mem. firm, 251 N. Sandusky St., Columbus, Ohio.
- Fuller, W. P., & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
- Globe Paint Co., Geo. B. Spicer, sales Mgr., 202 Market St., Williamsport, Pa. (Paste.)
- Hanline Bros., Leon S. Hanline, Mem. firm, 23 Howard St., Balto., Md.
- Herock Mfg. Co., Fred L. Herr, Partner, Wheatland St., Phoenixville, Pa.
- Hunt, J. W., J. W. Hunt, Prop., 1221 New York Ave., NW., Washington, D. C.
- Impervious Paint & Varnish Co., J. E. Peofe, Prop., 161 E. Allen St., Phila., Pa.
- Inland White Lead Co., C. Walton Aborn, Supt., 741 Boston Ave., Chicago, Ill. (Paste.)
- Johnson, A. S. & Co., G. W. Johnson, Mgr., 1142 Broadway, Tacoma, Wash.
- Johnson, Oliver, & Co. (Inc.), Denison W. Greene, Treas., 18 Custom House St., Providence, R. I.
- Johnston, R. F., Paint Co., A. Fel. Johnston, Pres., Pearl & Main Sts., Cincinnati, Ohio.
- Kohler-McLister Paint Co., Frank McLister, Mgr., W. 13th & Osage Sts., Denver, Colo. (Paste.)
- Lampton, Crane & Ramey Co., A. E. Warfield, V. Pres. in Charge of Sales, 1201 Story Ave., Louisville, Ky. (Paste.)
- Lawrence, W. W. & Co., C. D. Wettach, Pres., W. Carson St., Pittsburgh, Pa. (Paste.)
- Leavitt, Louis, Phillip K. Leavitt, Mgr., 454 Driggs Ave., Brooklyn, N. Y. (Paste.)
- Lewis, John T. & Bros., Co., J. W. Gardiner, sales Mgr., 437 Chestnut St., Phila., Pa. (Paste.)
- Liebich, G. J., Co., Harry E. Donner, Sec., 166 W. Kinzie St., Chicago, Ill. (Paste.)
- Lookout Paint Mfg. Co., John H. Guenther, Pres., Box 467, Chattanooga, Tenn. (Dry.)
- Lucas, John, & Co. (Inc.), James R. Allen, Mgr. marine Dept., 521 Washington St., New York, N. Y.
- Lucas, John & Co. (Inc.), G. Johannes, Mgr. Ind. sales, 322 Race St., Phila., Pa.
- Mahoning Paint & Oil Co., B. Nichols, Sec., 653 Jones St., Youngstown, Ohio.
- Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig St., New Orleans, La. (Paste.)
- Mathews Paint Co. (Inc.), J. W. Kelleher, Sec., 219 S. Los Angeles St., Los Angeles, Calif. (Paste.)
- McDougall-Butler Co. (Inc.), F. M. Graves, V. Pres., 6 Evans St., Buffalo, N. Y. (Paste.)
- McMurtry Mfg. Co., Allan G. Barr, salesman, 1533 Arapahoe St., Denver, Colo. (Paste.)
- Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balto., Md. (Paste.)
- Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn.
- Mobile Paint Mfg. Co., B. S. Butler, Pres., Dauphin & Water Sts., Mobile, Ala.
- Moline Paint Mfg. Co., Warren C. Skinner, Sec., 101 16th St., Moline, Ill.
- Moore, Benjamin, & Co., L. A. Diddle, Mgr., 4400 E. 71st St., Cleveland, Ohio. (Paste.)
- Moore, Benjamin, & Co., R. Moore, Dir., 1600 S. Second St., St. Louis, Mo. (Paste.)
- Mutual Paint Mfg. Co., W. Schmitt, Mgr., 826 S. 18th St., St. Louis, Mo. (Paste.)
- Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
- Peaslee Gaulbert Paint & Varnish Co., H. Fitzpatrick, Asst. Mgr. trade sales, 223 N. 15th St., Louisville, Ky. (Paste.)
- Perry & Derrick Co. (Inc.), F. J. Derrick, Pres., 906 Central Ave., Cincinnati, Ohio. (Paste.)
- Phoenix Paint & Varnish Co., W. Gentry Hodgson, Sec., 124 Market St., Phila., Pa. (Paste.)
- Porter Paint Co., Paul T. Eitel, Asst. Sec., 101 W. Market St., Louisville, Ky. (Paste.)
- Red Spot Paint & Varnish Co., Harry B. Bausland, Treas., 110 Main St., Evansville, Ind.
- Ridgway-Quest Co., F. F. Chamberlain, jr., Asst. Treas., 2514 W. 48th Place., Chicago, Ill. (Paste.)
- St. Louis Surfacers & Paint Co., H. C. Davis, Pres., 4200 Arlington Ave., St. Louis, Mo. (Paste.)
- Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va. (Paste.)
- Scientific Production Corp., Philip G. Strong, V. Pres., 3852 Grand Central Terminal, New York, N. Y. (Paste.)
- Seidlitz Paint & Varnish Co., J. T. Hammond, V. Pres., 18th & Garfield St., Kansas City, Mo.
- Seminole Pigment Co., C. A. Romig, Mgr., Warren, Ohio. (Dry.)
- Sewall Paint & Varnish Co., A. C. Bale, V. Pres., 1009 W. 8th, Kansas City, Mo. (Paste.)
- Sheldon, Albert K. Co., Albert K. Sheldon, Pres., 187 Broadway, Cambridge, Mass. (Paste.)
- Sipe, James B. & Co., J. C. Adderly, V. Pres., 704 Chamber of Commerce Building, Pittsburgh, Pa. (Paste.)
- Solastic Products Co. (Inc.), H. W. Rudd, Pres., 3018 Ninth Ave., S., Seattle, Wash. (Paste.)
- Standard Paint & Lead Works (Inc.), A. C. Bernstein, Treas., Willey Ave. on Big 4 R. R., Cleveland, Ohio. (Paste.)

Sterling Paint & Varnish Co., A. C. Cole, Pres., 170 Border St., East Boston, Mass. (Paste.)
 Stewart Paint Mfg. Co., E. W. Stewart, Pres., 1729 Second St., N., Minneapolis, Minn.
 Suydam, M. B., Co., R. S. Suydam, Pres., Island & Preble Ave., Pittsburgh, Pa. (Paste.)
 Synthetic Iron Color Co., N. M. Zoph, Pres., P. O. Box 1157, Richmond, Calif. (Dry.)
 Tampa Paint & Varnish Co., E. B. Cordon, Mgr., 104 Washington St., Tampa, Fla. (Paste.)
 Thompson & Co., John L. Crowley, Supt., 857 W. North Ave., Pittsburgh, Pa. (Paste.)
 Tibbetts, H. R., Paint Co., H. R. Tibbetts, V. Pres., 1616 E. 14th St., Los Angeles, Calif. (Paste.)
 Toch Bros. (Inc.), Maximilian Toch, V. Pres., 443 4th Ave., New York, N. Y.
 Vallé Co., Dr. Cecilio Vallé, Pres., 4476 E. 71st St., Cleveland, Ohio.
 Varcraft Works (Inc.), F. A. Wertz, Prod. Mgr., Keim & Cross Sts., Pottstown, Pa. (Paste.)
 Wamblu Corp., Emil N. Blatau, Sec., 1326 Ridge Rd., Rochester, N. Y. (Paste.)

Warren Paint & Color Co., Raymond A. Perry, V. Pres., 700 Wedgewood Ave., Nashville, Tenn.
 Western Paint & Varnish Co., John C. Gelvant, V. Pres., foot of Herman Ave., Duluth, Minn. (Paste.)
 Wetherill, Geo. D. & Co. (Inc.), S. D. Davis, Tech. Dir., 113 Arch St., Phila., Pa.
 Whittaker, Clark & Daniels (Inc.), W. B. Daniels, Treas., 245 Front St., New York, N. Y. (Dry.)
 Williams, C. K., & Co., Jas. B. Neal, Sec., 640 N. 13th St., Easton, Pa.
 Wilson Paint Co., A. W. Schreineg, Sec., 410 Reading Rd., Cincinnati, Ohio. (Paste.)
 Wishnick-Tumpeer (Inc.), Thos. Starke, V. Pres., 253 Front St., New York, N. Y. (Dry.)
 Witte, John H., & Sons, William A. Witte, partner, Burlington, Iowa. (Paste.)
 Woolsey, C. A., Paint & Color Co., H. Woolsey, Sec., 500 Grand St. Jersey City, N. J.
 Yarnall Paint Co., Geo. B. Beitzel, V. Pres., Grays Ave. & West of 54th St., Phila., Pa. (Paste.)
 Yates & Co. (Inc.), C. M. Yates, jr., Pres., 754 Folsom St., San Francisco, Calif. (Paste.)

Spec. 13b, IRON OXIDE AND IRON HYDROXIDE PAINTS

American Paint & Supply Co., L. H. Ferguson, Asst. Sec., Box 891, Dallas, Tex. (Iron oxide.)
 American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La. (Iron oxide.)
 Apex Color Works (Inc.), L. Liedeker, Sec., 50 W. Broadway, New York, N. Y.
 Arco Co., David Andrew, V. Pres., 7301 Bessemer Ave., Cleveland, Ohio.
 Arlington Paint & Varnish Co., Alfred B. Stellwagon, Mgr., 1329 Harrison Ave., S. W., Canton, Ohio.
 Arnesto Paint Co. (Inc.), M. Arnstern, Pres., 546 W. 46th St., New York, N. Y.
 Ashland Paint Co., E. W. Miller, Gen. Mgr., Huntington, W. Va.
 Athey C. M., Co., C. M. Athey, Pres., 500 S. Hanover St., Balto., Md. (Iron oxide.)
 Baer Bros., M. A. Baer, 438 W. 37th St., New York, N. Y.
 Baltimore Paint & Color Works (Inc.), Morris Shuger, Pres., 148 S. Calverton Rd., Balto., Md.
 Benson Paint & Varnish Co., B. Y. Benson, Pres., Birmingham, Alabama. (Iron oxide.)
 Boatwright Paint & Varnish Works, T. B. Boatwright, Pres., 134 Walker St., Atlanta, Ga.
 Born, L., L. Born, Prop., 51 W. Queen St., Hampton, Va. (Iron oxide.)
 Bradford, James, Co., W. M. Francis, Pres., 212 Market St., Wilmington, Del.
 Bradley & Vrooman Co., E. M. Rosenthal, Sec., 2632 S. Dearborn St., Chicago, Ill.
 Breinig Bros. (Inc.), W. B. Fuller, 38 & Grand Sts., Hoboken, N. J.
 Briggs-Maroney Co. (Inc.), George J. Beake, Sec., 85 Paris St., Everett, Mass.
 Calbar Paint & Varnish Co., F. Elwell, V. Pres., 2620 Martha St., Phila., Pa.
 Capitol Paint & Varnish Works (Inc.), Henry J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y.
 Central Paint & Varnish Works, Bernard Varrich, Tech. Dir., 63 Prospect St., Brooklyn, N. Y.
 Certain-teed Products Corp., Dntro C. Cole, V. Pres., 100 E. 42d St., New York, N. Y. (Iron oxide.)
 Chicago White Lead & Oil Co., Albert Engelsman, Asst. Sec., 1454 S. Western Ave., Chicago, Ill.

Cochran, John P., Co., H. C. Blood, Sec., 19000 Wynnewood Rd., Cleveland, Ohio.
 Cook Paint & Varnish Co., V. H. Whitelaw, V. Pres., Kansas City, Mo.
 Davis, H. B., Co., H. B. Davis, Pres., Bayard & Severn Sts., Balto., Md.
 Davis Paint Co., L. O. Hawkinson, V. Pres., 14th & Iron Sts., N. Kansas City, Mo.
 Dean & Barry Co., George W. McKay, Treas., 296 N. Water St., Columbus, Ohio.
 De Soto Paint & Varnish Co., E. R. Herbert, sales promotion Dir., Broadway & S. Somerville Sts., Memphis, Tenn.
 Detroit Graphite Co., R. Monroe, V. Pres., 550 12th St., Detroit, Mich.
 Detroit White Lead Works, J. V. Carr, sales Mgr., 1960 E. Milwaukee Ave., Detroit, Mich.
 Devoe & Reynolds Co. (Inc.), R. B. Ayer, Tech. Dir., 1 W. 47th St., New York, N. Y.
 Dolphin Paint & Varnish Co., Julius Blum, 2d V. Pres., Champlain & Locust Sts., Toledo, Ohio.
 Durbin Paint Co., John H. Anderson, Pres. 16th & Clinton Sts., Nashville, Tenn. (Iron oxide.)
 Eagle Paint & Varnish Works, H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y.
 Ernecke & Salmstein Co., Richard Wasseruling, Pres., 944 W. North Ave., Chicago, Ill. (Iron oxide.)
 Federal Composition & Paint Co. (Inc.), G. H. Miles, Ch. Clerk, 33 Rector St., New York, N. Y.
 Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
 Fitch-Riggall Paint & Varnish Co., Albert Riggall, Pres., 315 Market St. Phila., Pa.
 Franklin Paint Co., L. S. Sanders, Gen. Mgr., 8203 Franklin Ave., Cleveland, Ohio.
 Frazer Paint Co., W. E. Hanes, V. Pres., 2475 Hubbard Ave., Detroit, Mich.
 Frey-Yenkin Paint Co., A. I. Yenkin, Mem. firm, 251 N. Sandusky St., Columbus, Ohio.
 Fuller, W. P. & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
 Furolin Paint Fire Proofing Co. (Inc.), G. F. Sensor, Sec., 216 W. Kinzie St., Chicago, Ill. (Iron oxide.)
 Garland Co., L. J. Pfister, V. Pres., 3748 E. 91st St., Cleveland, Ohio.

- General Paint & Varnish Co., J. Bigelow, Pres., 2001 Mendell St., Chicago, Ill.
- Glidden Co., W. S. Williams, V. Pres., Madison Ave. & Berea Rd., Cleveland, Ohio.
- Globe Paint Co., Geo. B. Spicer, sales Mgr., 202 Market St., Williamsport, Pa.
- Goheen Corp. of N. J., E. Hess, Sec., 202 Emmett St., Newark, N. J.
- Hampden Paint & Chemical Co., W. Lee Costigan, Asst. Sec., 161 Armory St., Springfield, Mass.
- Hanline Bros., Leon Hanline, Mem. firm, 23 S. Howard St., Balto., Md.
- Herock Mfg. Co., Fred L. Herr, Partner, Wheatland St., Phoenixville, Pa.
- Hunt, J. W., J. W. Hunt, Prop., 1221 New York Ave., NW, Washington, D. C.
- Impervious Paint & Varnish Co., J. E. Peofe, Prop., 161 E. Allen St., Phila., Pa.
- Industrial Paint Co., H. B. Charles, Sec., 1444 Oliver Bldg., Pittsburgh, Pa.
- Inland White Lead Co., C. Walton Aborn, Supt., 741 Boston Ave., Chicago, Ill.
- International Paint Corp., E. B. Dunford, Gen. Mgr., 13th St. & Southern Ry., East St. Louis, Ill.
- Johnson, Oliver & Co. (Inc.), D. W. Greene, Treas., 18 Custom House St., Providence, R. I.
- Jones-Dabney Co. (Inc.), E. J. Probeck, Prod. Mgr., 1481 S. 11th St., Louisville, Ky.
- Jones & Dillingham, H. L. Jones, Asst. Mgr., 713 First Ave., Spokane, Wash.
- Joseph Mfg. Co., Joseph S. Pedrick, Owner, 122 Chestnut Ave., Woodlynne, N. J.
- Kohler-McLister Paint Co., Frank McLister, Mgr., W. 13th & Osage Sts., Denver, Colo.
- Lampton, Crane & Ramey Co., A. E. Warfield, V. Pres., in charge of sales, 1201 Story Ave., Louisville, Ky.
- Lawrence, W. W., & Co., C. D. Wettach, Pres., W. Carson St., Pittsburgh, Pa.
- Leavitt, Louis, Phillip Leavitt, Mgr., 454 Driggs Ave., Brooklyn, N. Y. (Iron oxide.)
- Leitch Mfg. Co., D. J. Miners, V. Pres., 342 Madison Ave., New York, N. Y.
- Liebach Co., G. J., Harry E. Donner, Sec., 166 W. Kinzie St., Chicago, Ill.
- Lincoln Paint & Color Co., H. McVicker, Asst. sales Mgr., 811 M St., Lincoln, Neb.
- Lino Paint Co., A. H. Cline, V. Pres., 16908 Waterloo Rd., Cleveland, Ohio.
- Long, Chas L., Co., jr., Samuel S. Demarest, V. Pres., 1520 W. Hill St., Louisville, Ky.
- Lookout Paint Mfg. Co., John H. Guenther, Pres., Box 467, Chattanooga, Tenn. (Iron oxide.)
- Louisville Paint Mfg. Co., L. E. First, Sec., 412 W. Main St., Louisville, Ky.
- Lucas, John, & Co. (Inc.), James R. Allen, Mgr. Marine Dept., 521 Washington St., New York, N. Y.
- Mahoning Paint & Oil Co., B. Nichols, Sec., 653 Jones St., Youngstown, Ohio.
- Marietta Paint & Color Co., W. H. Campbell, V. Pres., Greene & Acme Sts., Marietta, Ohio. (Iron oxide.)
- Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig St., New Orleans, La.
- Martin-Semour Co., F. M. Somers, Mgr., 18 Sackett St., Brooklyn, N. Y.
- Mashell Paint Co., F. Denman, Pres., 1018 Tacoma Ave., Tacoma, Wash. (Iron oxide.)
- Mathews Paint Co. (Inc.), J. Kelleher, Sec., 219 S. Los Angeles St., Los Angeles, Calif. (Iron oxide.)
- McDougall-Butler Co. (Inc.), N. M. Graves, V. Pres., 6 Evans St., Buffalo, N. Y.
- McMurtry Mfg. Co., Allan G. Barr, salesman, 1533 Arapahoe St., Denver, Colo.
- McNamara, Michael, Varnish Works, Michael McNamara, V. Pres., 2538 Clark Ave., Detroit, Mich.
- Merkin, M. J., Paint Co. (Inc.), Edward Burger, Tech. Mgr., 25 Spruce St., New York, N. Y.
- Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balto., Md.
- Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn. (Iron oxide.)
- Mobile Paint Mfg. Co., B. S. Butler, Pres., Dauphin & Water Sts., Mobile, Ala.
- Moline Paint Mfg. Co., Warren C. Skinners, Sec., 101 16th St., Moline, Ill.
- Monad Paint & Varnish Co., Daniel M. McCrudden, jr., Prop., Roberts Ave. & Penna. R. R., Phila., Pa.
- Moore, Benjamin & Co., L. A. Diddle, Mgr., 4400 E. 71st St., Cleveland, Ohio.
- Moore, Benjamin & Co., Richard Moore, Dir., St. Louis branch, 1600 S. Second St., St. Louis, Mo.
- Mutual Paint Co., N. P. Malvern, Gen. Mgr., 700 Vandalia St., St. Paul, Minn.
- Mutual Paint Mfg. Co., W. Schmith, Mgr., 826 S. 18th St., St. Louis, Mo. (Iron oxide.)
- Natroco Paint & Varnish Works, H. B. Fleming, Mgr., Fillmore Ave., Tonawanda, N. Y.
- Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
- Oxford Varnish Corp., A. P. Tallman, Ch. Bd. of Dir., 350 Morris St., Toledo, Ohio. (Iron oxide.)
- Paraffine Co. (Inc.), E. R. DeGraf, Mgr., paint Dept., 475 Brannan St., San Francisco, Calif.
- Patek Bros. (Inc.), W. O. Schwarz, V. Pres., 230 E. Water St., Milwaukee, Wis.
- Peaslee Gaulbert Paint & Varnish Co., H. Fitzpatrick, Asst. Mgr. trade sales, 223 N. 15th St., Louisville, Ky.
- Perry & Derrick Co. (Inc.), F. J. Derrick, Pres., 906 Central Ave., Cincinnati, Ohio.
- Phelan-Faust Paint Mfg. Co., R. E. Young, Mgr., 1215 Pine St., St. Louis, Mo.
- Phoenix Paint & Varnish Co., W. Gentry Hodgson, Sec., 124 Market St., Phila., Pa.
- Pittsburgh Plate Glass Co., H. E. Reeve, Agt., 2 Chester Ave., Newark, N. J.
- Porter Paint Co., Paul T. Eitel, Asst. Sec., 401 S. 14th St., Louisville, Ky.
- Red Spot Paint & Varnish Co., Harry B. Bausland, Treas., 110 Main St., Evansville, Ind.
- Ridgway-Quest Co., T. F. Chamberlain, jr., Asst. Treas., 2514 W. 48th Place, Chicago, Ill. (Iron oxide.)
- St. Louis Surfacers & Paint Co., H. Davis, Pres., 4200 Arlington Ave., St. Louis, Mo.
- St. Paul White Lead & Oil Co., W. H. Sweeney, V. Pres., Water & Starkey Sts., St. Paul, Minn.
- Sampson Paint & Color Co., F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va.
- Scientific Production Corp., Philip G. Strong, V. Pres., 3852 Grand Central Terminal, New York, N. Y.
- Seminole Pigment Co., C. A. Roming, Mgr., Warren, Ohio. (Iron oxide.)
- Sewall Paint & Varnish Co., A. C. Bale, V. Pres., 1009 W. 8th St., Kansas City, Mo.
- Sheldon, Albert K., Co., Albert K. Sheldon, Pres., 187 Broadway, Cambridge, Mass.

- Sipe, James B., & Co., J. C. Adderly, Vice Pres., 704 Chamber of Commerce Bldg., Pittsburgh, Pa. (Iron oxide.)
- Solastic Products Co. (Inc.), Harold J. Rudd, Pres., 3018 Ninth Ave. S., Seattle, Wash.
- Sommers & Co. (Ltd.), I. J. Miners, Pres., 342 Madison Ave., New York, N. Y.
- Special Products Co., Clay Littleton, owner, 2412 Trenton Ave., Bristol, Pa.
- Spruance, Gilbert, Co., Gilbert Spruance, Pres., Richmond & Tioga Sts., Phila., Pa.
- Standard Paint & Lead Works (Inc.), A. C. Benstrom, Treas., Willey Ave. on Big 4 R. R., Cleveland, Ohio.
- Sterling Paint Co., N. D. Bergeron, Gen. Mgr., 6460 Green St., Emeryville, Calif. (Iron oxide.)
- Sterling Paint & Varnish Co., A. E. Cole, Pres., 170 Border St., East Boston, Mass.
- Stewart Bros. Paint Co., W. E. Stewart, Sec., 999 N. Union Ave., Alliance, Ohio.
- Stewart Paint Mfg. Co., E. Stewart Pres., 1729 Second St., N. Minneapolis, Minn. (Iron oxide.)
- Suydam, M. B., Co., R. S. Suydam, Pres., Island & Preble Aves., Pittsburgh, Pa. (Iron oxide.)
- Tampa Paint & Varnish Co., E. B. Cordon, Mgr., 104 Washington St., Tampa, Fla. (Iron oxide.)
- Thompson & Co., John L. Crowley, Supt., 857 W. N. Ave., Pittsburgh, Pa.
- Thomson Wood Finishing Co., Jack Binswanger, Tech. Dir., 829 N. Third St., Phila., Pa.
- Tibbetts, H. R., Paint Co., H. R. Tibbetts, V. Pres., 1616 E. 14th St., Los Angeles, Calif.
- Toch Bros. (Inc.), Maximilian Toch, V. Pres., 443 4th Ave., New York, N. Y.
- Tropical Paint & Oil Co., R. G. Hascall, Pres., 1240 W. 70th St., Cleveland, Ohio.
- Truscon Laboratories, J. J. Super, Asst. Gen. Mgr., Caniff Ave. & G. T. R. R., Detroit, Mich.
- Utley Paint Co. (Inc.), E. Nemwith, jr., Sec., 1126 Gravier St., New Orleans, La. (Iron oxide.)
- Vallé Co., Dr. Cecilio Vallé, Pres., 4476 E. 71st St., Cleveland, Ohio.
- Varcraft Works (Inc.), F. A. Wertz, Prod. Mgr., Keim & Cross Sts., Pottstown, Pa.
- Warren Paint & Color Co., Raymond A. Perry, V. Pres., 700 Wedgewood Ave., Nashville, Tenn.
- Western Paint & Varnish Co., John C. Gelvant, V. Pres., foot of Herman Ave., Duluth, Minn. (Iron oxide.)
- Wetherill, Geo. D., & Co. (Inc.), S. D. Davis, Tech. Dir., 113 Arch St., Phila., Pa.
- White Co., J. Benesch, Asst. Sec., Loney Lane & Biddle St., Balto., Md.
- Whitlam Mfg. Co., J. C., J. C. Whitlam, Prop., W. Walnut St., Wadsworth, Ohio.
- Williams, C. K., & Co., Jas. B. Neal, Sec., 640 N. 13th St., Easton, Pa.
- Witte, John H. & Son, William A. Witte, partner, Burlington, Iowa. (Iron oxide.)
- Woolsey, C. A., Paint & Color Co., Harry Woolsey, Sec., 500 Grand St., Jersey City, N. J.
- Yates & Co. (Inc.), C. M. Yates, jr., Pres., 754 Folsom St., San Francisco, Calif.

Spec. 14b, SEMIPASTE AND READY MIXED BLACK PAINT

- Alpers, W. A., Co., W. A. Alpers, Pres., 1039 W. 11th St., Cleveland, Ohio.
- American Paint & Supply Co., L. H. Ferguson, Asst. Sec., Box 891, Dallas, Tex.
- American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La.
- Apex Color Works (Inc.), L. Liedeker, Sec., 50 W. Broadway, New York, N. Y.
- Arco Co., David Andrew, V. Pres., 7300 Bessemer Ave., Cleveland, Ohio.
- Arlington Paint & Varnish Co., Alfred B. Stellwagon, Mgr., 1329 Harrison Ave., S. W., Canton, Ohio.
- Arnesto Paint Co. (Inc.), M. Arnstern, Pres., 546 W. 46th St., New York, N. Y.
- Ashland Paint Co., E. W. Miller, Gen. Mgr., Huntington, W. Va.
- C. M. Athey Paint Co., C. M. Athey, Pres., 500 S. Hanover St., Balto., Md.
- Avalon Paint Corp., F. A. Sage, Pres., 2127 Santee St., Los Angeles, Calif. (Ready mixed.)
- Baer Bros., M. Baer, Mem. Firm, 438 W. 37th St., New York, N. Y.
- Baltimore Paint & Color Works (Inc.), Morris Shuger, Pres., 148 S. Calverton Rd., Balto., Md.
- Benson Paint & Varnish Co., B. Y. Benson, Pres., Birmingham, Ala.
- Blue Ribbon Paint Co., G. W. Vogt, V. Pres., 2321 Main St., Wheeling, W. Va.
- Boatwright Paint & Varnish Works, T. B. Boatwright, Pres., 134 Walker St., Atlanta, Ga.
- Born, L., L. Born, proprietor, 51 W. Queen St., Hampton, Va.
- Bradford, James, Co., W. M. Francis, Pres., 212 Market St., Wilmington, Del.
- Bradley & Vrooman Co., E. M. Rosenthal, Sec., 2632 S. Dearborn St., Chicago, Ill.
- Breinig Bros. (Inc.), W. B. Fuller, Gen. Mgr., 3d & Grand Sts., Hoboken, N. J.
- Briggs-Maroney Co. (Inc.), George J. Beake, Sec., 85 Paris St., Everett, Mass.
- Calbar Paint & Varnish Co., F. Elwees, V. Pres., 2620 Martha St., Phila., Pa.
- California Paint Co., M. S. Orrick, V. Pres., 1797 12th St., Oakland, Calif.
- Capital Paint Co. (Inc.), C. C. Smith, Pres., S. Washington, Va.
- Capitol Paint & Varnish Works (Inc.), Henry J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y.
- Casad, James G., Co., James G. Casad, Pres., 601 Romine St., Urbana, Ill.
- Central Paint & Varnish Works, B. Barrich, Tech. Dir., 63 Prospect St., Brooklyn, N. Y.
- Certain-teed Products Corp., Dntro C. Cole, V. Pres., 100 E. 42d St., New York, N. Y.
- Chicago White Lead & Oil Co., Albert Engelsman, Asst. Sec., 1454 S. Western Ave., Chicago, Ill.
- Cleveland Paint & Color Co., W. A. Alpers, Sec., 1039 W. 11th St., Cleveland, Ohio.
- Cochran, John P., Co., H. C. Blood, Sec., 19000 Wynnewood, Rd., Cleveland, Ohio.
- Cook Paint & Varnish Co., V. H. Whitelam, V. Pres., Kansas City, Mo.
- Coolidge, F. J., & Sons (Inc.), Grier Martin, Sec., 12 N. Forsyth St., Atlanta, Ga.
- Davis, H. B., Co., H. B. Davis, Pres., Bayard & Severn Sts., Balto., Md.
- Davis Paint Co., L. O. Hawkinson, V. Pres., 14th & Iron Sts., N. Kansas City, Mo.
- Dean & Barry Co., George W. McKay, Treas., 296 N. Water St., Columbus, Ohio.
- Denny, Hilborn & Rosenbach (Inc.), M. P. Rosenbach, Treas., 230 N. 12th St., Phila., Pa.

- DeSoto Paint & Varnish Co., E. R. Herbert, sales promotion Dir., Broadway & S. Sommerville Sts., Memphis, Tenn.
- Detroit Graphite Co., P. L. Maury, V. Pres., 550 12th St., Detroit, Mich.
- Devoe & Reynolds Co. (Inc.), Richard B. Ayer, Tech. Dir., 1 W. 47th St., New York, N. Y.
- Dolphin Paint & Varnish Co., Julius Blum, 2d V. Pres., Champlain & Locust Sts., Toledo, Ohio.
- Domino Paint Mfg. Co. (Inc.), T. O'Brien, Pres., 1330 St. Peter St., New Orleans, La.
- Dozier & Gay Paint Co., J. H. Gay, Pres., 46 W. Boy St., Jacksonville, Fla.
- Durbin Paint Co., John H. Anderson, Pres., 16th & Clinton Sts., Nashville, Tenn.
- Eagle Paint & Varnish Works, H. K. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y.
- Elkhart Enamel & Paint Corp., W. F. Steep, Gen. Mgr., Crawford St., Elkhart, Ind.
- Farboil Paint Co., M. D. Swartz, owner, Eastern Ave. & 11th St., Balto., Md.
- Federal Composition & Paint Co. (Inc.), J. H. Miles, Ch. clerk, 33 Rector St., New York, N. Y.
- Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
- Fitch-Riggall Paint & Varnish Co., Albert Riggall, Pres., 315 Market St., Phila., Pa.
- Forman, Ford & Co., A. E. Cleribun, Pres., 111 Second St., S., Minneapolis, Minn.
- Franklin Paint Co., L. S. Sanders, Gen. Mgr., 8203 Franklin Ave., Cleveland, Ohio. (Ready mixed.)
- Frazer Paint Co., W. E. Hanes, V. Pres., 2475 Hubbard Ave., Detroit, Mich.
- Frey-Yenkin Paint Co., A. I. Yenkin, Mem. firm, 251 N. Sandusky St., Columbus, Ohio.
- Fuller, W. P. & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
- Furolin Paint Fire Proofing Co. (Inc.), G. Johnston, Sec., 216 W. Kinzie St., Chicago, Ill. (Ready mixed.)
- Garland Co., L. J. Pfister, V. Pres., 3748 E. 91st St., Cleveland, Ohio.
- Gates' Sons, J. M., Co., D. H. Gates, Mgr., 27 Summers St., Charleston, W. Va.
- General Paint & Varnish Co., Wm. Bigelow, Pres., 2001 Mendell St., Chicago, Ill.
- Glidden Co., W. S. Williams, V. Pres., Madison Ave. & Berea Rd., Cleveland, Ohio.
- Globe Paint Co., G. B. Spicer, sales Mgr., 202 Market St., Williamsport, Pa.
- Goheen Corp. of N. J., E. Röss, Sec., 202 Emmett St., Newark, N. J.
- Hampden Paint & Chem. Co., W. L. Costigan, Asst. Sec., 160 Armory St., Springfield, Mass.
- Hancock Paint & Varnish Co., Edwin J. Heap, V. Pres., Atlantic, Mass.
- Hanline Bros., Leon L. Hanline, Mem. firm, 23 S. Howard St., Balto., Md.
- Harper-Scott Paint Mfg. Co., H. C. Hain, Sec., 700 N. Main St., St. Louis, Mo.
- Herock Mfg. Co., Fred L. Herr., partner, Wheatland St., Phoenixville, Pa.
- Hirschberg Paint Co., Morton M. Goldsmith, Sec., 106 W. Pratt St., Balto., Md.
- Hockaday (Inc.), J. H. Hirsch, Pres., 1823 Carroll Ave., Chicago, Ill.
- Hunt, J. W., J. W. Hunt, Prop., 1221 New York Ave., N.W., Washington, D. C.
- Impervious Paint & Varnish Co., J. E. Peofe, Prop., 161 E. Allen St., Phila., Pa.
- Industrial Paint Co., H. B. Charles, Sec., 1444 Oliver Bldg., Pittsburgh, Pa. (Ready mixed.)
- Inland White Lead Co., C. Walton Aborn, Supt., 741 Boston Ave., Chicago, Ill.
- International Paint Corp., E. B. Dunford, Gen. Mgr., 13th St. & Southern Rwy., East St. Louis, Ill.
- Johnson, A. S. & Co., S. W. Johnson, Mgr., 1142 Broadway, Tacoma, Wash.
- Johnson, Oliver & Co. (Inc.), Denison W. Greene, Treas., 18 Custom House St., Providence, R. I.
- Johnston, R. F., Paint Co., A. Fel Johnston, Pres., Pearl & Main Sts., Cincinnati, Ohio.
- Jones-Dabney Co. (Inc.), E. J. Probeck, Prod. Mgr., 1481 S. 11th St., Louisville, Ky.
- Jones & Dillingham, H. L. Jones, Asst. Mgr., 713 First Ave., Spokane, Wash.
- King, William H. & Co., P. D. King, Pres., 66 Kane St., Brooklyn, N. Y.
- Kohler-McLister Paint Co., F. McLister, Mgr., W. 13th & Osage Sts., Denver, Colo.
- Lampton, Crane & Ramey Co., A. E. Warfield, V. Pres. in charge of sales, 1201 Story Ave., Louisville, Ky.
- Lawrence, W. W. & Co., C. D. Wettach, Pres., W. Carson St., Pittsburgh, Pa.
- Leitch Mfg. Co., D. J. Miners, V. Pres., 342 Madison Ave., New York, N. Y.
- Liebach, G. J., Co., Harry E. Donner, Sec., 166 W. Kinzie St., Chicago, Ill.
- Lincoln Paint & Color Co., H. H. McVicker, Asst. sales Mgr., 811 M St., Lincoln, Nebr.
- Lino Paint Co., A. H. Clino, V. Pres., 16908 Waterloo Rd., Cleveland, Ohio.
- Long, Chas. R., jr., Co., Samuel S. Demarest, V. Pres., 1520 W. Hill St., Louisville, Ky.
- Louisville Paint Mfg. Co., L. E. First, Sec., 1112 W. Main St., Louisville, Ky.
- Lucas, John & Co. (Inc.), James R. Allen, Mgr. marine Dept., 521 Washington St., New York, N. Y.
- Lucas, John & Co., G. Johannes, Mgr., Ind. sales, 322 Race St., Phila., Pa.
- Mahoning Paint & Oil Co., B. Nichols, Sec., 653 Jones St., Youngstown, Ohio.
- Marietta Paint & Color Co., W. B. Campbell, V. Pres., Greene & Acme Sts., Marietta, Ohio.
- Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig St., New Orleans, La.
- Mathews Paint Co. (Inc.), J. Kelleher, Sec., 219 S. Los Angeles St., Los Angeles, Calif. (Ready mixed.)
- McDaniel Paint & Varnish Co., I. M. Severson, V. Pres., 1500 W. Kinzie St., Chicago, Ill.
- McDougall-Butler Co. (Inc.), F. M. Graves, V. Pres., 6 Evans St., Buffalo, N. Y.
- McMurtry Mfg. Co., Allan G. Barr, salesman, 1533 Arapahoe St., Denver, Colo.
- McNamara, Michael, Varnish Works, M. McNamara, V. Pres., 2538 Clark Ave., Detroit, Mich.
- Merkin, M. J., Paint Co. (Inc.), E. Burger, Tech. Mgr., 25 Spruce St., New York, N. Y.
- Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balto., Md.
- Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn.
- Mobile Paint Mfg. Co., B. S. Butler, Pres., Dauphin & Water Sts., Mobile, Ala.
- Moline Paint Mfg. Co., Warren C. Skinner, Sec., 101 16th St., Moline, Ill.
- Monad Paint & Varnish Co., Daniel J. McCrudden, jr., Prop., Roberts Ave. & Penna. R. R., Phila., Pa.
- Moore, Benjamin & Co., L. A. Diddle, Mgr., 4400 E. 71st St., Cleveland, Ohio.
- Moore, Benjamin & Co., Richard Moore, Mgr., 1600 S. Second St., St. Louis, Mo.

- Mutual Paint Co., N. P. Malvern, Gen. Mgr., 700 Vandalia St., St. Paul, Minn.
- Mutual Paint Mfg. Co., W. W. Schmitt, Mgr., 826 S. 18th St., St. Louis, Mo.
- Natroco Paint & Varnish Works, H. B. Fleming, Mgr., Fillmore Ave., Tonawanda, N. Y.
- North Star Varnish Co., G. H. Hough, Pres., 608 Vandalia St., St. Paul, Minn.
- Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
- Ohmlac Paint Refining Co., L. F. Lindley, Pres., 140 S. Dearborn St., Chicago, Ill.
- Oxford Varnish Corp., A. P. Tallman, Ch. Bd. of Dir., 350 Morris St., Toledo, Ohio. (Ready mixed.)
- Paraffine Co. (Inc.), E. R. DeGraf, Mgr. paint Dept., 475 Brannan St., San Francisco, Calif.
- Parr Paint & Color Co., W. J. Parr, Pres., 18312 Syracuse Ave., Cleveland, Ohio.
- Patek Bros. (Inc.), W. O. Schwarz, V. Pres., 230 East Water St., Milwaukee, Wis.
- Peaslee Gaulbert Paint & Varnish Co., H. Fitzpatrick, Asst. Mgr. trade sales, 223 N. 15th St., Louisville, Ky.
- Pecora Paint Co., S. H. Bowen, Pres., 3501 N. Fourth St., Phila., Pa.
- Perry & Derrick, Co. (Inc.), F. J. Derrick, Pres., 906 Central Ave., Cincinnati, Ohio.
- Phelan-Faust Paint Mfg. Co., F. E. Young, Mgr., 1215 Pine St., St. Louis, Mo.
- Phoenix Paint & Varnish Co., W. Gentry Hodgson, Sec., 124 Market St., Phila., Pa.
- Pittsburgh Plate Glass Co., H. E. Reeve, Agt., 2 Chester Ave., Newark, N. J.
- Porter Paint Co., Paul T. Eitel, Asst. Sec., 401 S. 14th St., Louisville, Ky.
- Red Spot Paint & Varnish Co., Harry B. Bausland, Treas., 110 Main St., Evansville, Ind.
- Reliable Paint Co., W. E. Mullin, Pres., 906 E. Main St., Louisville, Ky.
- Ridgway-Quest Co., T. F. Chamberlain, jr., 2514 W. 48th Place, Chicago, Ill.
- T. J. Ronan Co. (Inc.), Arthur T. Ronan, V. Pres., 17 Atlantic Ave., Brooklyn, N. Y.
- St. Louis Surfacor & Paint Co., H. Davis, Pres., 4200 Arlington Ave., St. Louis, Mo.
- St. Paul White Lead & Oil Co., W. H. Sweeney, V. Pres., Water & Starkey Sts., Saint Paul, Minn.
- Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va.
- Sargent-Gerke Co., W. H. Gerke, Pres., W. 15th & Big 4 R. R., Indianapolis, Ind.
- Scientific Production Corp., Philip G. Strong, V. Pres., 3852 Grand Cent. Terminal, New York, N. Y.
- Seidlitz Paint & Varnish Co., J. F. Hammond, V. Pres., 18th & Garfield, Sts., Kansas City, Mo.
- Sewall Paint & Varnish Co., A. C. Bale, V. Pres., 1009 W. 8th St., Kansas City, Mo.
- Sheldon, Albert K., Co., Albert K. Sheldon, Pres., 187 Broadway, Cambridge, Mass.
- Sipe, James B. & Co., J. C. Adderly, V. Pres., 704 Chamber of Commerce Bldg., Pittsburgh, Pa.
- Solastic Products Co. (Inc.), Harold J. Rudd, Pres., 3018 Ninth Ave., S., Seattle, Wash.
- Sommers & Co. (Ltd.), J. Miners, Pres., 342 Madison Ave., New York, N. Y.
- Special Products Co., C. Littleton, owner, 2412 Trenton Ave., Bristol, Pa.
- Spruance Gilbert, Co., Gilbert Spruance, Pres., Richmond & Tioga Sts., Phila., Pa.
- Standard Paint & Lead Works (Inc.) A. C. Benstrom, Treas., Willey Ave. on Big 4 R. R., Cleveland, Ohio.
- Sterling Paint Co., N. D. Bergerson, Gen. Mgr., 6460 Green St., Emeryville, Calif.
- Sterling Paint & Varnish Co., A. E. Cole, Pres., 170 Border St., East Boston, Mass.
- Stewart Bros Paint Co., W. E. Stewart, Sec., 999 N. Union Ave., Alliance, Ohio.
- Stewart Paint Mfg. Co., E. Stewart, Pres., 1729 Second St. N., Minneapolis, Minn.
- Sunset Color Works, R. H. Ivell, Mgr., 40 E. 1st St., Salt Lake City, Utah.
- Suydam, M. B., Co., R. S. Suydam, Pres., Island & Preble Aves., Pittsburgh, Pa.
- Tampa Paint & Varnish Co., E. B. Cordon, Mgr., 104 Washington St., Tampa, Fla.
- Thompson & Co., John L. Crowley, Supt., 857 W. North Ave., Pittsburgh, Pa.
- Thomson Wood Finishing Co., J. Binswanger, Tech. Dir., 829 N. Third St., Phila., Pa.
- Tibbetts, H. R., Paint Co., H. R. Tibbetts, V. Pres., 1616 E. 14th St., Los Angeles, Calif.
- Toch Bros. (Inc.), Maximilian Toch, V. Pres., 443 4th Ave., New York, N. Y.
- Tropical Paint & Oil Co., R. G. Hascall, Pres., 1240 W. 70th St., Cleveland, Ohio.
- Truscon Laboratories, J. J. Super, Asst. Gen. Mgr., Caniff Ave. & G. T. R. R., Detroit, Mich.
- Utley Paint Co. (Inc.), E. Nemurth, jr., Sec., 1126 Gravier St., New Orleans, La.
- Vallé Co., Dr. Cecilio D. Vallé, Pres., 4476 E. 71st St., Cleveland, Ohio.
- Varcraft Works (Inc.), F. A. Wertz, Prod. Mgr., Keim & Cross Sts., Pottstown, Pa.
- Wamblu Corp., Emil M. Blutau, Sec., 1326 Ridge Rd., Rochester, N. Y.
- Warren Paint & Color Co., Raymond A. Perry, V. Pres., 700 Wedgewood Ave., Nashville, Tenn.
- Western Paint & Varnish Co., John C. Gelvant, V. Pres., foot of Herman Ave., Duluth, Minn.
- Wetherell, Geo., & Co. (Inc.), S. D. Davis, Tech. Dir., 113 Arch St., Phila., Pa.
- White Co., J. Benesch, Asst. Sec., Loney Lane & Biddle St., Balto., Md.
- Whitlam, J. C., Mfg. Co., J. C. Whitlam, Prop., W. Walnut St., Wadsworth, Ohio.
- Witte, John H., & Sons, William A. Witte, Partner, Burlington, Iowa.
- Woolsey, C. A., Paint & Color Co., Harry Woolsey, Sec., 500 Grand St., Jersey City, N. J.
- West Chemical & Paint Co., H. M. Sorrick, Pres., Springport, Mich.
- Yarnall Paint Co., Geo. B. Beitzel, V. Pres., Grays Ave. west of 54th St., Phila., Pa.
- Yates & Co., C. M. Yates, Pres., 754 Folsom St., San Francisco, Calif.

Spec. 15, SEMIPASTE AND READY MIXED GREEN PAINT

- Adelphi Paint & Color Works (Inc.), Osser Einhorn, Pres., 86 St. & Old South Road, Woodhaven, Long Island, N. Y.
- Alpers, W. A. Co., W. A. Alpers, Pres., 1039 W. 11th St., Cleveland, Ohio.
- American Paint & Supply Co., L. H. Ferguson, Asst. Sec., Box 891, Dallas, Tex.
- American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La.
- Apex Color Works (Inc.), L. Liedeker, Sec., 50 W. Broadway, New York, N. Y.
- Arlington Paint & Varnish Co., Alfred B. Stellwagon, Mgr., 1329 Harrison Ave., S. W., Canton, Ohio.

- Arnesto Paint Co. (Inc.), M. Arnstern, Pres., 546 W. 46th St., New York, N. Y.
- Athey, C. M., Paint Co., C. M. Athey, Pres., 500 S. Hanover St., Balto., Md.
- Avalon Paint Corp., F. A. Sage, Pres., 2127 Santee St., Los Angeles, Calif.
- Baer Bros., M. Baer, Mem. Firm, 438 W. 37th St., New York, N. Y.
- Baltimore Paint & Color Works (Inc.), Morris Shuger, Pres., 148 S. Calverton Rd., Balto., Md.
- Benson Paint & Varnish Co., B. Y. Benson, Pres., Birmingham, Ala.
- Blue Ribbon Paint Co., G. W. Vogt, V. Pres., 2321 Main St., Wheeling, W. Va.
- Boatwright Paint & Varnish Works, T. B. Boatwright, Pres., 134 Walker St., Atlanta, Ga.
- Born, L., L. Born, Prop., 51 W. Queen St., Hampton, Va.
- Bradford, James, Co., W. M. Francis, Pres., 212 Market St., Wilmington, Del.
- Bradley & Vrooman Co., E. M. Rosenthal, Sec., 2632 S. Dearborn St., Chicago, Ill.
- Breinig Bros. (Inc.), M. B. Fuller, Gen. Mgr., 3d & Grand Sts., Hoboken, N. J.
- Briggs-Maroney Co. (Inc.), George J. Beake, Sec., 85 Paris St., Everett, Mass.
- Calbar Paint & Varnish Co., F. Elwees, V. Pres., 2620 Martha St., Phila., Pa.
- California Paint Co., M. S. Orrick, V. Pres., 1797 12th St., Oakland, Calif.
- Capital Paint Co. (Inc.), C. C. Smith, Pres., S. Washington, Va.
- Capitol Paint & Varnish Works (Inc.), H. J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y.
- Casad, James G., Co., J. G. Casad, Pres., 601 Romine St., Urbana, Ill.
- Central Paint & Varnish Works, B. Barrich, Supt., 63 Prospect St., Brooklyn, N. Y.
- Certain-teed Products Corp., Dntro C. Cole, V. Pres., 100 E. 42d St., New York, N. Y.
- Chicago White Lead & Oil Co., Albert Engelsman, Asst. Sec., 1454 S. Western Ave., Chicago, Ill.
- Cleveland Paint & Color Co., W. A. Alpers, Sec., 1039 W. 11th St., Cleveland, Ohio.
- Cochran, John P., Co., H. C. Blood, Sec., 19000 Wynnewood Rd., Cleveland, Ohio.
- Cook Paint & Varnish Co., V. H. Whitelam, V. Pres., Kansas City, Mo.
- Coolidge, F. J. & Sons (Inc.), Grier Martin, Sec., 12 N. Forsyth St., Atlanta, Ga.
- Davis, H. B., Co., H. B. Davis, Pres., Bayard & Severn Sts., Balto., Md.
- Dean & Barry Co., George W. McKay, Treas., 296 N. Water St., Columbus, Ohio.
- Denny, Hilborn & Rosenbach (Inc.), M. P. Rosenbach, Treas., 230 N. 12th St., Phila., Pa.
- DeSoto Paint & Varnish Co., E. R. Herbert, sales promotion Dir., Broadway & S. Sommerville St., Box 746, Memphis, Tenn.
- Detroit Graphite Co., P. L. Maury, V. Pres., 550 12th St., Detroit, Mich.
- Detroit White Lead Works, J. V. Carr, sales Mgr., 1960 E. Milwaukee Ave., Detroit, Mich.
- Devoe & Raynolds Co. (Inc.), Richard B. Ayer, Tech. Dir., 1 W. 47th Street, New York, N. Y.
- Dolphin Paint & Varnish Co., Julius Blum, 2d V. Pres., Champlain & Locust Sts., Toledo, Ohio.
- Domino Paint Mfg. Co. (Inc.), F. O'Brien, Pres., 1330 St. Peter St., New Orleans, La.
- Dozier & Gay Paint Co., J. H. Gay, Pres., 46th & W. Bay St., Jacksonville, Fla.
- Eagle Paint & Varnish Works, H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y.
- Elkhart Enamel & Paint Corp., W. F. Steep, Gen. Mgr., Crawford St., Elkhart, Ind.
- Farboil Paint Co., M. D. Swartz, owner, Eastern Ave. & 11th St., Balto., Md.
- Federal Composition & Paint Co. (Inc.), G. H. Miles, Ch. Clerk, 33 Rector St., New York, N. Y.
- Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
- Fitch-Riggall Paint & Varnish Co., Albert Riggall, Pres., 315 Market St., Phila., Pa.
- Forman, Ford & Co., A. E. Clerihem, Pres., 111 Second St., S., Minneapolis, Minn.
- Franklin Paint Co., L. S. Sanders, Gen. Mgr., 8203 Franklin Ave., Cleveland, Ohio. (Ready mixed.)
- Frazer Paint Co., W. E. Hanes, V. Pres., 2475 Hubbard Ave., Detroit, Mich.
- Frey-Yenkin Paint Co., A. I. Yenkin, Mem. firm, 251 N. Sandusky St., Columbus, Ohio.
- Fuller, W. P., & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
- Furolin Paint Fire Proofing Co. (Inc.), G. Johnston, Sec., 216 W. Kinzie St., Chicago, Ill. (Ready mixed.)
- Garland Co., L. J. Pfister, B. Pres., 3748 E. 91st St., Cleveland, Ohio.
- Gates' Sons, J. M., Co., D. H. Gates, Mgr., 27 Summers St., Charleston, W. Va.
- General Paint & Varnish Co., H. Bigelow, Pres., 2001 Mendell St., Chicago, Ill.
- Glidden Co., M. S. Williams, V. Pres., Madison Ave. & Berea Rd., Cleveland, Ohio.
- Globe Paint Co., Geo. B. Spicer, sales Mgr., 202 Market St., Williamsport, Pa.
- Goheen Corp. of N. J., E. Ress, Sec., 202 Emmett St., Newark, N. J.
- Hamptden Paint & Chemical Co., W. Lee Costigan, Asst. Sec., 161 Armory St., Springfield, Mass.
- Hancock Paint & Varnish Co., Edwin J. Heap, V. Pres., Atlantic, Mass.
- Hanline Bros., Leon L. Hanline, Mem. firm, 23 S. Howard St., Balto., Md.
- Harper-Scott Paint Mfg. Co., H. C. Hain, Sec., 700 N. Main St., St. Louis, Mo.
- Henderson & Johnson (Inc.), R. B. Henderson, Pres., 121 Duncan St., Gloucester, Mass. (Ready mixed.)
- Herock Mfg. Co., Fred L. Herr, Partner, Wheatland St., Phoenixville, Pa.
- Hirshberg Paint Co., Morton M. Goldsmith, Sec., 106 W. Pratt St., Balto., Md.
- Hockaday (Inc.), J. H. Hirsch, Pres., 1823 Carroll Ave., Chicago, Ill.
- Hunt, J. W., J. W. Hunt, Prop., 1221 New York Ave., NW., Washington, D. C.
- Industrial Paint Co., H. B. Charles, Sec., 1444 Oliver Bldg., Pittsburgh, Pa. (Ready mixed.)
- Inland White Lead Co., C. Walton Aborn, Supt., 741 Boston Ave., Chicago, Ill.
- Johnson & Co., A. S., Geo. Johnson, Mgr., 1142 Broadway, Tacoma, Wash.
- Johnson, Oliver & Co. (Inc.), Denison W. Greene, Treas., 18 Custom House St., Providence, R. I.
- Johnston, R. F., Paint Co., A. Fel Johnston, Pres., Pearl & Main Sts., Cincinnati, Ohio.
- Jones-Dabney Co. (Inc.), E. J. Probeck, Prod. Mgr., 1481 S. 11th St., Louisville, Ky.
- Jones & Dillingham, H. L. Jones, Asst. Mgr., 713 First Ave., Spokane, Wash.
- Joseph Mfg. Co., Joseph S. Pedrick, owner, 122 Chestnut Ave., Woodlynne, N. J.
- Keystone Varnish Co., F. Etwell, Sec., 71 Otsego St., Brooklyn, N. Y.

- King, William H. & Co., Parker D. King, Pres., 66 Kane St., Brooklyn, N. Y.
- Kohler-McLister Paint Co., F. McLister, Mgr., W. 13th & Osage Sts., Denver, Colo.
- Lampton, Crane & Ramey Co., A. E. Warfield, V. Pres. in charge of sales, 1201 Story Ave., Louisville, Ky.
- Lawrence, W. W. & Co., C. D. Wettach, Pres., W. Carson St., Pittsburgh, Pa.
- Leitch Mfg. Co., J. Miners. V. Pres., 342 Madison Ave., New York, N. Y.
- Lewis, John T. & Bros. Co., J. W. Gardiner, sales Mgr., 437 Chestnut St., Phila., Pa.
- Liebich, G. J., Co., Harry E. Donner, Sec., 166 W. Kinzie St., Chicago, Ill.
- Lincoln Paint & Color Co., H. McVicker, Asst. sales Mgr., 811 M St., Lincoln, Neb.
- Lino Paint Co., A. H. Clino, V. Pres., 16908 Waterloo Rd., Cleveland, Ohio.
- Long, Chas. L., jr., Co., Samuel S. Demarest, V. Pres., 1520 W. Hill St., Louisville, Ky.
- Louisville Paint Mfg. Co., L. E. First, Sec., 1112 W. Main St., Louisville, Ky.
- Lucas, John & Co. (Inc.), James R. Allen, Mgr. marine Dept., 521 Washington St., New York, N. Y.
- Lucas, John & Co. (Inc.), G. Johannes, Mgr. Ind. sales, 322 Race St., Phila., Pa.
- Mahoning Paint & Oil Co., B. Nichols, Sec., 653 Jones St., Youngstown, Ohio.
- Marietta Paint & Color Co., W. R. Campbell, V. Pres., Greene & Acme Sts., Marietta, Ohio.
- Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig St., New Orleans, La.
- Mathews Paint Co. (Inc.), J. Kelleher, Sec., 219 S. Los Angeles St., Los Angeles, Calif. (Ready mixed.)
- McDaniel Paint & Varnish Co., Irwin M. Severson, V. Pres., 1500 W. Kinzie St., Chicago, Ill.
- McDougall-Butler Co. (Inc.), F. I. Graves, V. Pres., 6 Evans St., Buffalo, N. Y.
- McMurtry Mfg. Co., Allan G. Barr, salesman, 1533 Arapahoe St., Denver, Colo.
- McNamara, Michael, Varnish Works, Michael McNamara, V. Pres., 2538 Clark Ave., Detroit, Mich.
- Merkin, M. J., Paint Co. (Inc.), Edward Bueger, Tech. Mgr., 25 Spruce St., New York, N. Y.
- Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balto., Md.
- Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn.
- Mobile Paint Mfg. Co., B. S. Butler, Pres., Dauphin & Water Sts., Mobile, Ala.
- Moline Paint Mfg. Co., Warren C. Skinner, Sec., 101 16th St., Moline, Ill.
- Monad Paint & Varnish Co., Daniel J. McCrudden, jr., Prop., Roberts Ave. & Pa. R. R., Phila., Pa.
- Moore, Benjamin & Co., L. A. Diddle, Mgr., 4400 E. 71st St., Cleveland, Ohio.
- Moore, Benjamin & Co., Richard Moore, Mgr., 1650 S. Second St., St. Louis, Mo.
- Mutual Paint Co., N. P. Malvern, Gen. Mgr., 700 Vandalia St., St. Paul, Minn.
- Mutual Paint Mfg. Co., W. S. Schmitt, Mgr., 826 S. 18th St., St. Louis, Mo.
- Natroco Paint & Varnish Works, H. B. Fleming, Mgr., Fillmore Ave., Tonawanda, N. Y.
- North Star Varnish Co., G. D. Hough, Pres., 608 Vandalia, St. Paul, Minn.
- Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
- Oxford Varnish Corp., A. P. Tallman, Ch. Bd. of Dir., 350 Morris St., Toledo, Ohio. (Ready mixed.)
- Paraffine Co. (Inc.), E. R. DeGraf, Mgr., paint Dept., 475 Brannan St., San Francisco, Calif.
- Parr Paint & Color Co., W. J. Parr, Pres., 18312 Syracuse Ave., Cleveland, Ohio.
- Patek Bros. (Inc.), W. A. Schwarz, V. Pres., 230 E. Water St., Milwaukee, Wis.
- Peaslee Gaulbert Paint & Varnish Co., H. Fitzpatrick, Asst. Mgr., trade sales, 223 N. 15th St., Louisville, Ky.
- Perry & Derrick Co. (Inc.), F. J. Derrick, Pres., 906 Central Ave., Cincinnati, Ohio.
- Phelan-Faust Paint Mfg. Co., J. E. Young, Mgr., 1215 Pine St., St. Louis, Mo.
- Phoenix Paint & Varnish Co., W. Gentry Hodgson, Sec., 124 Market St., Phila., Pa.
- Pittsburgh Plate Glass Co., H. E. Reeve, Agt., 2 Chester Ave., Newark, N. J.
- Porter Paint Co., Paul T. Eitel, Asst. Sec., 401 S. 14th St., Louisville, Ky.
- Red Spot Paint & Varnish Co., Harry B. Bausland, Treas., 110 Main St., Evansville, Ind.
- Reliable Paint Co., W. E. Mullin, Pres., 906 East Main St., Louisville, Ky.
- Ridgway-Quest Co., T. F. Chamberlain, jr., Asst. Treas., 2514 W. 48th Place, Chicago, Ill.
- Ronan, T. J., Co. (Inc.), Arthur T. Ronan, V. Pres., 17 Atlantic Ave., Brooklyn, N. Y.
- St. Louis Surfacers & Paint Co., H. Davis, Pres., 4200 Arlington Ave., St. Louis, Mo.
- St. Paul White Lead & Oil Co., W. H. Sweeney, V. Pres., Water & Starkey Sts., Saint Paul, Minn.
- Sampson Paint & Color Co., F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va.
- Sargent-Gerke Co., W. H. Gerke, Pres., W. 15th & Big Four R. R., Indianapolis, Ind.
- Seidlitz Paint & Varnish Co., J. F. Hammond, V. Pres., 18th & Garfield Sts., Kansas City, Mo.
- Sewall Paint & Varnish Co., A. C. Bale, V. Pres., 1009 W. 8th St., Kansas City, Mo.
- Sheldon, Albert K. Co., Albert K. Sheldon, Pres., 187 Broadway, Cambridge, Mass.
- Sipe, James B., & Co., J. C. Adlerly, V. Pres., 704 Chamber of Commerce Bldg., Pittsburgh, Pa.
- Solastic Products Co. (Inc.), Harold J. Rudd, Pres., 3013 Ninth Ave., S., Seattle, Wash.
- Sommers & Co. (Ltd.), J. Miners, Pres., 342 Madison Avenue New York N. Y.
- Special Products Co. Clay Littleton owner, 2412 Trenton Ave., Bristol, Pa.
- Spruance, Gilbert, Co., Gilbert Spruance, Pres., Richmond & Tioga Sts., Phila., Pa.
- Standard Paint & Lead Works (Inc.), A. C. Benstern, Treas., Willey Ave. on Big 4 R. R., Cleveland, Ohio.
- Sterling Paint Co., N. D. Bergeron, Gen. Mgr., 6460 Green St., Emeryville, Calif.
- Sterling Paint & Varnish Co., A. E. Cole, Pres., 170 Border St., East Boston, Mass.
- Stewart Bros. Paint Co., W. E. Stewart, Sec., 999 N. Union Ave., Alliance, Ohio.
- Stewart Paint Mfg. Co., E. Stewart, Pres., 1729 Second St., N., Minneapolis, Minn.
- Sunset Color Works, Reinhold H. Ivell, Mgr., 40 E. 1st St., Salt Lake City, Utah.
- Suydam, M. B., Co., R. S. Suydam, Pres., Island & Preble Aves., Pittsburgh, Pa.
- Tampa Paint Varnish Co., E. B. Cordon, Mgr., 104 Washington St., Tampa, Fla.

Thompson & Co., John L. Crowley, Supt., 857 W. North Ave., Pittsburgh, Pa.
 Thomson Wood Finishing Co., Jack Binswanger Tech. Dir., 829 N. Third St., Phila., Pa.
 Tibbetts, H. R., Paint Co., H. R. Tibbetts, V. Pres., 1616 E. 14th St., Los Angeles, Calif.
 Toch Bros. (Inc.), Maximilian Toch, V. Pres., 443 4th Ave., New York, N. Y.
 Tropical Paint & Oil Co., R. G. Hascall, Pres., 1240 W. 70th St., Cleveland, Ohio.
 Truscon Laboratories, J. J. Super, Asst. Gen. Mgr., Caniff Ave. & G. T. R. R., Detroit, Mich.
 Utley Paint Co. (Inc.), E. Nenwith, jr., Sec., 1126 Gravier St., New Orleans, La.
 Vallé Co., Dr. Cecilio D. Vallé, Pres., 4476 E. 71st St., Cleveland, Ohio.
 Varcraft Works (Inc.), F. A. Wertz, Prod. Mgr., Keim & Cross Sts., Pottstown, Pa.
 Womblu Corp., Emil M. Blatau, Sec., 1326 Ridge Rd., Rochester, N. Y.

Warren Paint & Color Co., Raymond A. Perry, V. Pres., 700 Wedgewood Avenue, Nashville, Tenn.
 West Chemical Paint Co., H. M. Sorrick, Pres., Springport, Mich.
 Western Paint & Varnish Co., J. C. Gelvant, V. Pres., foot of Herman Ave., Duluth, Minn.
 Wetherill, Geo. D. & Co. (Inc.), S. D. Davis, Tech. Dir., 113 Arch St., Phila., Pa.
 White Co., Loney' Lane & Biddle St., J. Benesch, Asst. Sec., Balto., Md.
 Whitlam, J. C., Mfg. Co., J. C. Whitlam, Prop., W. Walnut St., Wadsworth, Ohio.
 Witte, John H., & Son, William A. Witte, partner, Burlington, Iowa.
 Yarnall Paint Co., Geo. B. Beitzel, V. Pres., Grays Ave. west of 54th St., Phila., Pa.
 Yates & Co. (Inc.), C. M. Yates, jr., Pres., 754 Folsom St., San Francisco, Calif.

Spec. 16, VOLATILE MINERAL SPIRITS FOR THINNING PAINTS

American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La.
 Arlington Paint & Varnish Co., Alfred B. Stellwagon, Mgr., 1329 Harrison Ave., S. W., Canton, Ohio.
 Arnesto Paint Co. (Inc.), M. Arnstern, Pres., 546 N. 46 St., New York, N. Y.
 Atlantic Refining Co., R. D. Leonard, V. Pres., 260 S. Broad St., Phila., Pa.
 Baer Bros., M. Baer, Mem. firm, 438 W. 37th St., New York, N. Y.
 Benson Paint & Varnish Co., B. Y. Benson, Pres., Birmingham, Ala.
 Born, L., L. Born, Prop., 51 W. Queen St., Hampton, Va.
 Calbar Paint & Varnish Co., F. Elwees, V. Pres., 2620 Martha St., Phila., Pa.
 Capitol Paint & Varnish Works (Inc.), Henry Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y.
 Cook Paint & Varnish Co., V. H. Whitlam, V. Pres., Kansas City, Mo.
 Davis, H. B., Co., H. B. Davis, Pres., Bayard & Severn Sts., Balto., Md.
 Devoe & Reynolds Co. (Inc.), Richard B. Ayer, Tech. Dir., 1 W. 47th St., New York, N. Y.
 Dozier & Gay Paint Co., J. H. Gay, Pres., 46 W. Bay St., Jacksonville, Fla.
 Eagle Paint & Varnish Works (Inc.), H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y.
 Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
 Fitch-Riggall Paint & Varnish Co., Albert Riggall, Pres., 315 Market St., Philadelphia, Pa.
 Fuller, W. P., & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
 Garland Co., L. J. Pfister, V. Pres., 3748 E. 91st St., Cleveland, Ohio.
 Kohler-McLister Paint Co., F. McLister, Mgr., W. 13th & Osage Sts., Denver, Colo.
 Lawrence, W. W. & Co., C. D. Wettach, Pres., W. Carson St., Pittsburgh, Pa.
 Lucas, John, & Co. (Inc.), James R. Allen, Mgr. marine Dept., 521 Washington St., New York, N. Y.

McMurtry Mfg. Co., Allan G. Barr, salesman, 1533 Arapahoe St., Denver, Colo.
 Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balto., Md.
 Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn.
 Perry & Derrick Co. (Inc.), F. J. Derrick, Pres., 906 Central Ave., Cincinnati, Ohio.
 Red Spot Paint & Varnish Co., Harry B. Bausland, Treas., 110 Main St., Evansville, Ind.
 St. Louis Surfacor & Paint Co., H. C. Davis, Pres., 4200 Arlington Ave., St. Louis, Mo.
 Scientific Production Corp., Philip G. Strong, V. Pres., 3852 Grand Central Terminal, New York, N. Y.
 Seidlitz Paint & Varnish Co., J. F. Hammond, V. Pres., 18 Garfield Sts., Kansas City, Mo.
 Sewall Paint & Varnish Co., A. C. Bale, V. Pres., 1009 W. 8th St., Kansas City, Mo.
 Sipe, James B., & Co., J. C. Adderly, V. Pres., 704 Chamber of Commerce Bldg., Pittsburgh, Pa.
 Standard Oil Co. of Calif., J. MacPherson, Asst. Dist. sales Mgr., 225 Bush St., San Francisco, Calif.
 Standard Paint & Lead Works (Inc.), G. C. Benstern, Treas., Willey Ave. on Big 4 R. R., Cleveland, Ohio.
 Stille, E. T. & Co., E. Stille, Pres., 2343 Greenview Avenue, Chicago, Ill.
 Sunset Color Works, Reinhold H. Ivelli, Mgr., 40 E. 1st St., S. Salt Lake City, Utah.
 Suydam, M. B., Co., R. S. Suydam, Pres., Island & Preble Avenues, Pittsburgh, Pa.
 Thresher Varnish Co., J. A. Pfanner, Sec., 1100 E. Monument Ave. Ext., Dayton, Ohio.
 Tibbetts, H. R., Paint Co., H. R. Tibbetts, V. Pres., 1616 E. 14th St., Los Angeles, Calif.
 Warren Paint & Color Co., Raymond A. Perry, V. Pres., 700 Wedgewood Ave., Nashville, Tenn.
 Wetherill, Geo. D., & Co. (Inc.), S. D. Davis, Tech. Dir., 113 Arch St., Phila., Pa.
 Yates & Co. (Inc.), C. M. Yates, jr., Pres., 754 Folsom St., San Francisco, Calif.

Spec. 17, COMPOSITE VEHICLE FOR THINNING SEMIPASTE PAINTS, WHEN THE USE OF STRAIGHT LINSEED OIL IS NOT JUSTIFIED

- American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La.
 Arlington Paint & Varnish Co., Alfred B. Stellwagon, Mgr., 1329 Harrison Ave., S. W., Canton, Ohio.
 Arnesto Paint Co. (Inc.), M. Arnstern, Pres., 546 W. 46th St., New York, N. Y.
 Atlantic Varnish Works (Inc.), A. P. Ripley, Pres., 2829 Lester St., Richmond, Va.
 Benson Paint & Varnish Co., B. Y. Benson, Pres., Birmingham, Ala.
 Bradley & Vrooman Co., E. M. Rosenthal, Sec., 2632 S. Dearborn St., Chicago, Ill.
 Breinig Bros. (Inc.), M. S. Fuller, Gen. Mgr. 3d & Grand Sts., Hoboken, N. J.
 Briggs-Maroney Co. (Inc.), George A. Beake, Sec., 85 Paris St., Everett, Mass.
 Calbar Paint & Varnish Co., F. E. Elwees, V. Pres., 2620 Martha St., Phila., Pa.
 California Paint Co., M. S. Orrick, V. Pres., 1797 12th St., Oakland, Calif.
 Capitol Paint & Varnish Works (Inc.), Henry J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y.
 Central Paint & Varnish Works, Bernard Barrieh, Tech. Dir., 63 Prospect St., Brooklyn, N. Y.
 Certain-teed Products Corp., Dntro C. Cole, V. Pres., 100 E. 42d St., New York, N. Y.
 Cochran, John P., Co., H. C. Blood, Sec., 19000 Wynnewood Rd., Cleveland, Ohio.
 Cook Paint & Varnish Co., V. H. Whitelam, V. Pres., Kansas City, Mo.
 Davis, H. B., Co., H. B. Davis, Bayard & Severn Streets., Balto., Md.
 Davis Paint Co., L. O. Hawkinson, V. Pres., 14th & Iron Sts., N. Kansas City, Mo.
 Denny, Hilborn & Rosenbach (Inc.), N. P. Rosenbach, Treas., 230 N. 12th St., Phila., Pa.
 DeSota Paint & Varnish Co., E. R. Herbert, sales promotion Dir., Broadway & Sommerville St., Box 746, Memphis, Tenn.
 Devoe & Raynolds Co. (Inc.), Richard B. Ayer, Tech. Dir., 1 W. 47th St., New York, N. Y.
 Dolphin Paint & Varnish Co., Julius Blum, 2d V. Pres., Champlain & Locust Sts., Toledo, Ohio.
 Dozier & Gay Paint Co., J. H. Gay, Pres., 46 W. Bay St., Jacksonville, Fla.
 Eagle Paint & Varnish Works, (Inc.), H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y.
 Farboil Paint Co., M. D. Swartz, owner, Eastern Ave. & 11th St., Balto., Md.
 Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
 Fitch-Riggall Paint & Varnish Co., Albert Riggall, Pres., 315 Market St., Phila., Pa.
 Frey-Yenkin Paint Co., A. I. Yenkin, Mem. firm, 251 N. Sandusky St., Columbus, Ohio.
 Fuller, W. P. & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
 Furolin Paint Fire Proofing Co. (Inc.), G. F. Johnston, Sec., 216 W. Kinzie St., Chicago, Ill.
 Garland Co., L. J. Pfister, V. Pres., 3748 E. 91st St., Cleveland, Ohio.
 General Paint & Varnish Co., E. H. Bigelow, Pres., 2001 Mendell St., Chicago, Ill.
 Glidden Co., W. S. Williams, V. Pres., Madison Ave. & Berea Rd., Cleveland, Ohio.
 Goheen Corp. of N. J., E. R. R. Sec., 202 Emmett St., Newark, N. J.
 Great Lakes Varnish Works, John G. Shilvoek, Pres., 2207 N. Crawford Ave., Chicago, Ill.
 Hanline Bros., Leon Hanline, Mem. firm, 23 S. Howard St., Balto., Md.
 Harper-Scott Paint Mfg. Co., H. C. Hain, Sec., 700 N. Main St., St. Louis, Mo.
 Hockaday (Inc.), J. H. Hirsch, Pres., 1823 Carroll Ave., Chicago, Ill.
 Hydro Carbon Cos., F. E. Hawler, Pres., 433 Calif. St., San Francisco, Calif.
 Impervious Paint & Varnish Co., J. Peofe, Prop., 161 E. Allen St., Phila., Pa.
 Inland White Lead Co., C. Walton Aborn, Supt., 741 Boston Ave., Chicago, Ill.
 Johnston, R. F., Paint Co., A. Fel Johnston, Pres., Pearl & Main Sts., Cincinnati, Ohio.
 Jones-Dabney Co. (Inc.), E. J. Probeck, Prod. Mgr., 1481 S. 11th St., Louisville, Ky.
 Joseph Mfg. Co., Joseph S. Pedrick, Owner, 122 Chestnut Ave., Woodlyne, N. J.
 Keystone Varnish Co., H. Etwell, Sec., 71 Otsego St., Brooklyn, N. Y.
 Kohler-McLister Paint Co., F. McLister, Mgr., W. 13th & Osage Sts., Denver, Colo.
 Lampton, Crane & Ramey Co., A. E. Warfield, Sec., 1201 Story Ave., Louisville, Ky.
 Lawrence, W. W., & Co., C. D. Wettach, Pres., W. Carson St., Pittsburgh, Pa.
 Long, Chas. R., jr., Co., Samuel S. Demarest, V. Pres., 1520 W. Hill St., Louisville, Ky.
 Louisville Paint Mfg. Co., L. E. First, Sec., 1112 W. Main St., Louisville, Ky.
 Lucas, John & Co. (Inc.), James R. Allen, Mgr. marine Dept., 521 Washington St., New York, N. Y.
 Lucas, John & Co. (Inc.), G. Johannes, Mgr., Ind. sales, 322 Race St., Phila., Pa.
 Mahoning Paint & Oil Co., B. Nichols, Sec., 653 Jones St., Youngstown, Ohio.
 Marietta Paint & Color Co., W. B. Campbell, V. Pres., Green & Acme Sts., Marietta, Ohio.
 Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig St., New Orleans, La.
 Mathews Paint Co. (Inc.), J. Kelleher, Sec., 219 S. Los Angeles St., Los Angeles, Calif.
 Mayer-Lowenstein, James Anderson, V. Pres., 43 Vernon Boulevard, Long Island City, N. Y.
 McDougall-Butler Co. (Inc.), J. Graves, V. Pres., 6 Evans St., Buffalo, N. Y.
 McMurtry Mfg. Co., Allan G. Barr, salesman, 1533 Arapahoe St., Denver, Colo.
 Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balt., Md.
 Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn.
 Mobile Paint Mfg. Co., B. S. Butler, Pres., Dauphin & Water Sts., Mobile, Ala.
 Monad Paint & Varnish Co., Daniel J. McCrudden, jr., Prop., Roberts Ave. & Pa. R. R., Phila., Pa.
 Moore, Benjamin, & Co., L. A. Diddle, Mgr., 4400 E. 71st St., Cleveland, Ohio.
 Natroco Paint & Varnish Works, H. B. Fleming, Mgr., Fillmore Ave., Tonawanda, N. Y.
 Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
 Oxford Varnish Corp., A. P. Tallman, Ch. Bd. of Dir., 350 Morris St., Toledo, Ohio.
 Paraffine Cos. (Inc.), E. R. DeGraf, Mgr. Paint Dept., 475 Brannan St., San Francisco, Calif.

- Parr Paint & Color Co., W. J. Parr, Pres., 18312 Syracuse Ave., Cleveland, Ohio.
- Peaslee Gaulbert Paint & Varnish Co., H. Fitzpatrick, Asst. Mgr. trade sales, 223 N. 15th St., Louisville, Ky.
- Perry & Derrick Co. (Inc.), F. J. Derrick, Pres., 906 Central Ave., Cincinnati, Ohio.
- Phoenix Paint & Varnish Co., W. Gentry Hodgson, Sec., 124 Market St., Phila., Pa.
- Pittsburgh Plate Glass Co., H. E. Reeve, Agt., 2 Chester Ave., Newark, N. J.
- Red Spot Paint & Varnish Co., H. B. Bausland, Treas., 110 Main St., Evansville, Ind.
- St. Louis Surfacers & Paint Co., H. Davis, Pres., 4200 Arlington Ave., St. Louis, Mo.
- St. Paul White Lead & Oil Co., W. H. Sweeney, Treas., Water & Starkey Sts., St. Paul, Minn.
- Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va.
- Scientific Production Corp., Philip G. Strong, V. Pres., 3852 Grand Cent. Terminal, New York, N. Y.
- Seidlitz Paint & Varnish Co., J. Hammond, V. Pres., 18th & Garfield Sts., Kansas City, Mo.
- Sewall Paint & Varnish Co., A. C. Bale, V. Pres., 1009 W. 8th St., Kansas City, Mo.
- Shaw, George H. Co., L. F. Hanling, Treas., Middleboro, Mass.
- Sheldon, Albert K., Co., Albert K. Sheldon, Pres., 187 Broadway, Cambridge, Mass.
- Sipe, James B. & Co., J. C. Adderly, V. Pres., 704 Chamber of Commerce Bldg., Pittsburgh, Pa.
- Solastic Products Co. (Inc.), H. J. Rudd, Pres., 3018 Ninth Ave., S., Seattle, Wash.
- Special Products Co., Clay Littleton, owner, 2412, Trenton Ave., Bristol, Pa.
- Standard Paint & Lead Works (Inc.), G. C. Benstern, Treas., Willey Ave. on Big Four R. R., Cleveland, Ohio.
- Steen, John A., Varnish Co., L. B. Logan, Treas., 327 W. 37th St., Chicago, Ill.
- Sterling Paint Co., W. D. Bergeren, Gen. Mgr., 6460 Green St., Emeryville, Calif.
- Stewart Bros. Paint Co., W. E. Stewart, Sec., 999 N. Union Ave., Alliance, Ohio.
- Stewart Paint Mfg. Co., E. W. Stewart, Pres., 1729 Second St., N. Minneapolis, Minn.
- Stille, E. T., & Co., E. Stille, Pres., 2343 Greenview Ave., Chicago, Ill.
- Sunset Color Works, Reinhold H. Ivelli, Mgr., 40 E. 1 South St., Salt Lake City, Utah.
- Suydam, M. B., Co., R. S. Suydam, Pres., Island & Preble Ave., Pittsburgh, Pa.
- Thompson & Co., John L. Crowley, Supt., 857 W. North Ave., Pittsburgh, Pa.
- Tibbetts, H. R., Paint Co., H. R. Tibbetts, V. Pres., 1616 E. 14th St., Los Angeles, Calif.
- Truscon Laboratories, J. J. Super, Asst. Gen. Mgr., Caniff Ave., & G. T. R. R., Detroit, Mich.
- Vallé Co., Dr. Cecilio D. Vallé, Pres., 4476 E. 71st St., Cleveland, Ohio.
- Varcraft Works (Inc.), F. A. Wertz, Prod. Mgr., Keim & Cross Sts., Pottstown, Pa.
- Wamblu Corp., Emil M. Blatau, Sec., 1326 Ridge Rd., Rochester, N. Y.
- West Cehmical & Paint Co., H. M. Sorrick, Pres., Springport, Mich.
- Western Paint & Varnish Co., John C. Gelvant, V. Pres., foot of Herman Ave., Duluth, Minn.
- Wetherill, Geo. D., & Co. (Inc.), S. D. Davis, Tech. Dir. 113 Arch St., Phila., Pa.
- Yarnall Paint Co., Geo. B. Beitzel, V. Pres., Grays Ave. West of 54th St., Phila., Pa.
- Yates & Co. (Inc.), C. M. Yates, jr., Pres., 754 Folsom St., San Francisco, Calif.

Spec. 18b, WATER RESISTING SPAR VARNISH

- Akron Varnish Co., C. A. Beck, Gen. Mgr., Firestone Blvd., Akron, Ohio.
- Alpers, W. A., Co., W. A. Alpers, Pres., 1039 W. 11th St., Cleveland, Ohio.
- American Paint & Supply Co., L. H. Ferguson, Asst. Sec., Box 891, Dallas, Tex.
- American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La.
- Arco Co., David Andrew, V. Pres., 730 Bessemer Ave., Cleveland, Ohio.
- Arnesto Paint Co. (Inc.), M. Anrster, Pres., 546 W. 46th St., New York, N. Y.
- Athey, C. M., Paint Co., C. M. Athey, Pres., 500 S. Hanover St., Balto., Md.
- Atlantic Varnish Works (Inc.), A. P. Ripley, Pres., 2829 Lester St., Richmond, Va.
- Avalon Paint Corp., F. A. Sage, Pres., 2127 Santee St., Los Angeles, Calif.
- Baer Bros., M. Baer, Mem. firm, 438 W. 37th St., New York, N. Y.
- Baltimore Paint & Color Works (Inc.), Morris Shuger, Pres., 148 S. Calverton Rd., Balto., Md.
- Benson Paint & Varnish Co., B. Y. Benson, Pres., Birmingham, Ala.
- Bigelow, Varnish Co., J. W. Crelin, Asst. Sec., 87 Oliver St., Newark, N. J.
- Billings-Chapin Co., L. D. Chapin, Treas., E. 40th St. & N. Y. C. R. R., Cleveland, Ohio.
- Breinig Bros., M. B. Fuller, Gen. Mgr., 3d & Grand Sts., Hoboken, N. J.
- Briggs-Maroney Co. (Inc.), Geo. J. Beake, Sec., 85 Paris St., Everett, Mass.
- Calbar Paint & Varnish Co., F. E. Elwees, V. Pres., 2620 Martha St., Phila., Pa.
- California Ink Co. (Inc.), Paul W. Shattuck, V. Pres., 426 Battery St., San Francisco, Calif.
- California Paint Co., M. Orrick, V. Pres., 1797 12th St., Oakland, Calif.
- Capitol Paint & Varnish Works (Inc.), Henry J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y.
- Central Paint & Varnish Works, Bernard Barrich, Tech. Dir., 63 Prospect St., Brooklyn, N. Y.
- Certain-teed Products Corp., Dntro C. Cole, V. Pres., 100 E. 42d St., New York, N. Y.
- Cleveland Paint & Color Co., W. A. Alpers, Sec., 1039 W. 11th St., Cleveland, Ohio.
- Cochran, John P., Co., H. C. Blood, Sec., 19000 Wynnwood Rd., Cleveland, Ohio.
- Cook Paint & Varnish Co., B. H. Whitlam, V. Pres., Kansas City, Mo.
- Cooledge, F. J., & Sons (Inc.), Grier Martin, Sec., 12 North Forsyth St., Atlanta, Ga.
- Coyne Bros. Varnish Co. (Inc.), Wm. H. Coyne, Pres., 2d & Pike Sts., Phila., Pa.
- Davis Paint Co., L. O. Hawkinson, V. Pres., 14th & Iron Sts., N. Kansas City, Mo.
- Davis, H. E., Co., H. B. Davis, Pres., Bayard & Severn Sts., Balto., Md.
- Denny, Hilborn & Rosenbach (Inc.), M. P. Rosenbach, Treas., 230 N. 12th St., Phila., Pa.

- DeSoto Paint & Varnish Co., E. R. Herbert, sales promotion Dir., Broadway & S. Somerville Sts., Memphis, Tenn.
- Detroit White Lead Works, J. V. Carr, sales Mgr., 1960 E. Milwaukee Ave., Detroit, Mich.
- Devoe & Reynolds Co. (Inc.), Richard B. Ayer, Tech. Dir., 1 W. 47th St., New York, N. Y.
- Eagle Paint & Varnish Works, H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y.
- Elliott Varnish Co., H. A. Rowland, Pres., 4525 W. Fifth Ave., Chicago, Ill.
- Elmendorf Varnish Co., A. J. Safstron, Pres., 841 Larrabee St., Chicago, Ill.
- Farboil Paint Co., M. D. Swartz, owner, Eastern Ave., & 11th St., Balto., Md.
- Federal Composition & Paint Co. (Inc.), G. H. Miles, Ch. Clerk, 33 Rector St., New York, N. Y.
- Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
- Fitch-Riggall Paint & Varnish Co., Albert Riggall, Pres., 315 Market St., Phila., Pa.
- Flood & Conklin Co., C. D. Thurold, Asst. Treas., 132 Chestnut St., Newark, N. J.
- Franklin Paint Co., L. S. Sanders, Gen. Mgr., 8203 Franklin Ave., Cleveland, Ohio.
- Frey-Yenkin Paint Co., A. I. Yenkin, Mem. firm, 251 N. Sandusky St., Columbus, Ohio.
- Fuller, W. P., & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
- Garland Co., L. J. Pfister, V. Pres., 3748 E. 91st St., Cleveland, Ohio.
- General Paint & Varnish Co., H. Bigelow, Pres., 2001 Mendell St., Chicago, Ill.
- Glidden Co., W. Williams, V. Pres., Madison Ave. & Berea Rd., Cleveland, Ohio.
- Goheen Corp. of N. J., E. Ress, Sec., 202 Emmett St., Newark, N. J.
- Great Lakes Varnish Works, John G. Shilvock, Pres., 2207 N. Crawford Ave., Chicago, Ill.
- Herock Mfg. Co., Fred L. Herr, Partner, Wheatland St., Phoenixville, Pa.
- Hydro Carbon Co., Frank E. Hawler, Pres., 433 California St., San Francisco, Calif.
- Impervious Paint & Varnish Co., J. E. Peofe, Prop., 161 E. Allen St., Phila., Pa.
- Indianapolis Varnish Co., Emil Ebner, Pres., 147 N. Pine St., Indianapolis, Ind.
- Industrial Paint Co., H. B. Charles, Sec., 1444 Oliver Bldg., Pittsburgh, Pa.
- Johnston, R. F., Paint Co., A. Fel Johnston, Pres., Pearl & Main Sts., Cincinnati, Ohio.
- Johnson, S. C., & Son, H. F. Johnson, jr., Mngng. partner 1012 16th St., Racine, Wis.
- Jones-Dabney, Co. (Inc.), E. J. Probeck, Prod. Mgr., 1481 S. 11th St., Louisville, Ky.
- Jones & Dillingham, H. L. Jones, Asst. Mgr., 713 First Ave., Spokane, Wash.
- Keystone Varnish Co., R. Etwell, Sec., 71 Otsego St., Brooklyn, N. Y.
- King Varnish Co., Albert Engelsman, Asst. Sec., 1436 S. Western Ave., Chicago, Ill.
- Kohler-McLister Paint Co., F. McLister, Mgr., W. 13th & Osage Sts., Denver, Colo.
- Lampton, Crane & Ramey Co., A. E. Warfield, V. Pres. in charge of sales, 1201 Story Ave., Louisville, Ky.
- Lawrence, W. W. & Co., C. D. Wettach, Pres., W. Carson St., Pittsburgh, Pa.
- Leitch Mfg Co., J. Miners, V. Pres., 342 Madison Ave., New York, N. Y.
- Leibich, G. J., Co., Harry E. Donner, Sec., 166 W. Kinzie St., Chicago, Ill.
- Lion Varnish Co., Herbert G. Bailey, Pres., Cooper Ave. & Proctor St., Glendale, Brooklyn, N. Y.
- Long, Chas. R., jr., Co., Samuel S. Demarest, V. Pres., 1520 W. Hill St., Louisville, Ky.
- Louisville Paint Mfg. Co., L. E. First, Sec., 1112 W. Main St., Louisville, Ky.
- Lucas, John & Co. (Inc.), James R. Allen, Mgr. marine Dept., 521 Washington St., New York, N. Y.
- Lucas, John & Co. (Inc.), G. Johannes, Mgr. Ind. sales, 322 Race St., Phila., Pa.
- Mahoning Paint & Oil Co., B. Nichols, Sec., 653 Jones St., Youngstown, Ohio.
- Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig St., New Orleans, La.
- Mayer & Loewenstein, James H. Awaham, V. Pres. 43 Vernon Blvd., Long Island City, N. Y.
- McDougall-Butler Co. (Inc.), F. Graves, V. Pres., 6 Evans St., Buffalo, N. Y.
- McMurtry Mfg. Co., Allan G. Barr, salesman, 1533 Arapahoe St., Denver, Colo.
- McNamara, Michael, Varnish Works, M. McNamara, V. Pres., 2538 Clark Ave., Detroit, Mich.
- Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balto., Md.
- Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn.
- Mobile Paint Mfg. Co., B. E. Butler, Pres., Dauphin & Water Sts., Mobile, Ala.
- Monad Paint & Varnish Co., D. J. McCrudden, jr., Prop., Roberts Ave. & Pa. R. R., Phila., Pa.
- Moore, Benjamin & Co., L. A. Diddle, Mgr. 4400 E. 71st St., Cleveland, Ohio.
- Moore, Benjamin, & Co., G. W. Jenkin, Asst. Treas., 511 Canal St., New York, N. Y.
- Moore, Benjamin, & Co., R. Moore, Mgr. Dir. 1600 S. 2d St., St. Louis, Mo.
- Murphy Varnish Co., D. R. Munsick, Dir. Tech. Dept., 224 McWhorter St., Newark, N. J.
- Natroco Paint & Varnish Works, H. B. Fleming Mgr., Fillmore Ave., Tonawanda, N. Y.
- Newark Varnish Works, H. G. Clopper, Pres., 221 McWhorter St., Newark, N. J.
- North Star Varnish Co., G. D. Hough, Pres., 608 Vandalia St., St. Paul, Minn.
- Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
- Oxford Varnish Corp., V. P. Talliman, Ch. Bd. of Dir., 350 Morris St., Toledo, Ohio.
- Palmer-Price Co., R. H. Luz, Treas., McWhorter & Chestnut Sts., Newark, N. J.
- Paraffine Cos. (Inc.), E. R. DeGraf, Mgr. paint Dept., 475 Brannan St., San Francisco, Calif.
- Parr Paint & Color Co., W. J. Parr, Pres., 18312 Syracuse Ave., Cleveland, Ohio.
- Patek Bros. (Inc.), W. Schwarz, V. Pres., 230 E. Water St., Milwaukee, Wis.
- Peaslee Gaulbert Paint & Varnish Co., H. Fitzpartick, Asst. Mgr., trade sales, 223 N. 15th St., Louisville, Ky.
- Pecora Paint Co., S. B. Bowen, jr., Pres., 3501 N. Fourth St., Phila., Pa.
- Perry & Derrick Co. (Inc.), F. J. Derrick, Pres., 906 Central Ave., Cincinnati, Ohio.
- Phelan-Faust Paint Mfg. Co., C. E. Young, Mgr., 1215 Pine St., St. Louis, Mo.
- Phoenix Paint & Varnish Co., W. Gentry Hodgson, Sec., 124 Market St., Phila., Pa.
- Pittsburgh Plate Glass Co., H. E. Reeve, Agt., 2 Chester Ave., Newark, N. J.
- Red Spot Paint & Varnish Co., Harry B. Bausland, Treas., 110 Main St., Evansville, Ind.
- Reliable Leather Dressing Co., Nathan Sraka, Prop., 43 Crescent St., Long Island City, N. Y.

- Republic Varnish Co., Samuel S. Long, Pres., 201 Thomas St., Newark, N. J.
- Rockford Varnish Co., R. L. Moritz, Sec., 11th St., & Harrison Ave., Rockford, Ill.
- St. Louis Surfacers & Paint Co., H. C. Davis, Pres., 4200 Arlington Ave., St. Louis, Mo.
- Sampson Paint & Color Co., F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va.
- Scientific Prod. Corp., Philip G. Strong, V. Pres., 3852 Grand Cent. Terminal, New York, N. Y.
- Seidlitz Paint & Varnish Co., S. Hammond, V. Pres., 18th & Garfield, Sts., Kansas City, Mo.
- Sewall Paint & Varnish Co., A. C. Bale, V. Pres., 1009 W. 8th St., Kansas City, Mo.
- Shaw, George H., Co., L. L. Hanling, Treas., Middleboro, Mass.
- Sipe, James B., & Co., J. C. Adderly, V. Pres., 704 Chamber of Commerce Bldg., Pittsburgh, Pa.
- Solastic Products Co. (Inc.), Harold J. Rudd, Pres., 3018 Ninth Avenue S., Seattle, Wash.
- Sommers & Co. (Ltd.), J. Miners, Pres., 342 Madison Ave., New York, N. Y.
- Spruance, Gilbert Co., Gilbert Spruance, Pres., Richmond & Tioga Sts., Phila., Pa.
- Standard Paint & Lead Works (Inc.), A. C. Benstern, Treas., Willey Ave. on Big 4 R. R., Cleveland, Ohio.
- Steen, John A. Varnish Co., L. B. Logan, Treas., 327 W. 37th St., Chicago, Ill.
- Sterling Paint Co., N. D. Bergeron, Gen. Mgr., 6460 Green St., Emeryville, Calif.
- Stewart Bros. Paint Co., W. E. Stewart, Sec., 999 N. Union Ave., Alliance, Ohio.
- Suydam, M. B., Co., R. S. Suydam, Pres., Island & Preble Aves., Pittsburgh, Pa.
- Thibaut & Walker Co., O. S. Swanson, Sec., 46th Road, Long Island City, N. Y.
- Thompson & Co., John L. Crowley, Supt., 857 W. North Ave., Pittsburgh, Pa.
- Thomson Wood Finishing Co., Jack Binswanger, Tech. Dir. 829 N. Third St., Phila., Pa.
- Thresher Varnish Co., J. A. Pfanner, Sec., 1100 E. Monument Ave., Ext., Dayton, Ohio.
- Tibbetts, H. R., Paint Co., H. R. Tibbetts, V. Pres., 1616 E. 14th St., Los Angeles, Calif.
- Toch Bros. (Inc.), Maximilian Toch, V. Pres., 443 4th Ave., New York N. Y.
- Tower Varnish & Dryer Co., C. G. Grunler, Sec., Dayton, Ohio.
- Truscon Laboratories, J. J. Super, Asst. Gen. Mgr., Caniff Ave. & G. T. R. R., Detroit, Mich.
- Utley Paint Co. (Inc.), E. Nanwith, jr., Sec., 1126 Gravier St., New Orleans, La.
- Vallé Co., Dr. Cecilio D. Vallé, Pres., 4476 E. 71st St., Cleveland, Ohio.
- Varcraft Works (Inc.), F. A. Wertz, Prod. Mgr., Keim & Cross Sts., Pottstown, Pa.
- Wamblu Corp., Emil M. Blutau, Sec., 1326 Ridge Rd., Rochester, N. Y.
- White Co., J. Benesch, Asst. Sec., Loney's Lane & Biddle St., Balto., Md.
- Western Paint & Varnish Co., John C. Gelvant, V. Pres., foot of Herman Ave., Duluth, Minn.
- Wetherill, Geo. D., & Co. (Inc.), S. D. Davis, Tech. Dir., 113 Arch St., Phila., Pa.
- Williams-Haywood Co., L. A. Williams, Pres., 2526 W. Van Buren St., Chicago, Ill.
- Woolsey, C. A., Paint & Color Co., Harry Woolsey, Sec., 500 Grand St., Jersey City, N. J.
- Yates & Co. (Inc.), C. M. Yates, jr., Pres., 754 Folsom St., San Francisco, Calif.

Spec. 19, ASPHALT VARNISH

- Akron Varnish Co., C. F. Beck, V. Pres., Firestone Blvd., Akron, Ohio.
- Albion Mfg. Co., E. A. Nelson, Pres., 5710 Carson Ave., Seattle, Wash.
- American Paint & Supply Co., L. H. Ferguson, Asst. Sec., Box 891, Dallas, Tex.
- American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La.
- American Asphalt Paint Co., Geo. O. Watson, sales Mgr., 844 Rush St., Chicago, Ill.
- Alpers, W. A., Co., W. A. Alpers, Pres., 1039 W. 11th St., Cleveland, Ohio.
- Arco Co., David Andrew, V. Pres., 7301 Bessemer Ave., Cleveland, Ohio.
- Arlington Paint & Varnish Co., Alfred B. Stellwagon, Mgr., 1329 Harrison Ave., S. W., Canton, Ohio.
- Asphalt Roofing Products Co. (Inc.), J. Edward Cassidy, Pres., 815 15th St., NW., Washington, D. C.
- Avalon Paint Corp., F. A. Sage, Pres., 2127 Santee St., Los Angeles, Calif.
- Baer Bros., M. Baer, Mem. firm, 438 W. 37th St., New York, N. Y.
- Baltimore Paint & Color Works (Inc.), Morris Shuger, Pres., 148 S. Calverton Rd., Balto., Md.
- Benson Paint & Varnish Co., B. Y. Benson, Pres., Birmingham, Ala.
- Bigelow Varnish Co., J. W. Crelin, Asst. Sec., 87 Oliver St., Newark, N. J.
- Breinig Bros., M. B. Fuller, Gen. Mgr., 3d & Grand Sts., Hoboken, N. J.
- Briggs-Maroney Co. (Inc.), G. J. Beake, Sec., 85 Paris St., Everett, Mass.
- Byerlyte Co., R. P. Beardslee, V. Pres., 2484 W. 4th St., Cleveland, Ohio.
- Calvar Paint & Varnish Co., F. E. Elwees, V. Pres., 2620 Martha St., Phila., Pa.
- California Ink Co. (Inc.), Paul W. Shattuck, V. Pres., 426 Battery St., San Francisco, Calif.
- California Paint Co., M. Orrick, V. Pres., 1797 12th St., Oakland, Calif.
- Capitol Paint & Varnish Works (Inc.), H. J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y.
- Central Paint & Varnish Works, Bernard Barrich, Supt., 63 Prospect St., Brooklyn, N. Y.
- Certain-teed Products Corp., Dntro C. Cole, V. Pres., 100 E. 42d St., New York, N. Y.
- Cleveland Paint & Color Co., W. A. Alpers, Sec., 1039 W. 11th St., Cleveland, Ohio.
- Cochran, John P., Co., H. C. Blood, Sec., 19000 Wynnewood Rd., Cleveland, Ohio.
- Cook Paint & Varnish Co., V. H. Whitelam, V. Pres., Kansas City, Mo.
- Coolledge, F. J., & Sons (Inc.), Grier Martin, Sec., 12 N. Forsyth St., Atlanta, Ga.
- Coyne Bros. Varnish Co. (Inc.), Wm. H. Coyne, Pres., 2d & Pike Sts., Phila., Pa.
- Davis, H. B., Co., H. B. Davis, Pres., Bayard & Severn Sts., Balto., Md.
- DeSoto Paint & Varnish Co., E. R. Herbert, sales promotion Dir., Broadway & S. Sommerville Sts., Memphis, Tenn.
- Dolphin Paint & Varnish Co., Julius Blum, 2d V. Pres., Champlain & Locust Sts., Toledo, Ohio.
- Eagle Paint & Varnish Works, H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y.

- Elliott Varnish Co., H. A. Rowland, Pres., 4525 W. Fifth Ave., Chicago, Ill.
- Elmendorf Varnish Co., A. J. Safstrom, Pres., 841 Larabee St., Chicago, Ill.
- Federal Varnish Co., John H. Lawson, Pres., 337 S. Peoria St., Chicago, Ill.
- Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
- Fitch-Riggall Paint & Varnish Co., Albert Riggall, Pres., 315 Market St., Phila., Pa.
- Franklin Paint Co., L. S. Sanders, Gen. Mgr., 8203 Franklin Ave., Cleveland, Ohio.
- Frey-Yenkin Paint Co., A. I. Yenkin, Mem. firm, 251 N. Sandusky St., Columbus, Ohio.
- Fuller, W. P. & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
- Garland Co., L. J. Pfister, V. Pres., 3748 E. 91st St., Cleveland, Ohio.
- Glidden Co., W. S. Williams, V. Pres., Madison Ave. & Berea Rd., Cleveland, Ohio.
- Goheen Corp. of N. J., E. Ress, Sec., 202 Emmett St., Newark, N. J.
- Great Lakes Varnish Works, John G. Shilvock, Pres., 2207 N. Crawford Ave., Chicago, Ill.
- Heroek Mfg. Co., Fred L. Herr, partner, Wheatland St., Phoenixville, Pa.
- Hydro Carbon Cos., Frank E. Hawler, Pres., 433 California St., San Francisco, Calif.
- Impervious Paint & Varnish Co., J. S. Peofe, Prop., 161 E. Allen St., Phila., Pa.
- Indianapolis Varnish Co., Emil Ebner, Pres., 147 N. Pine St., Indianapolis, Ind.
- Irrington Varnish & Insulator Co., John J. Connors, sales engr., Argyle Terrace, Irvington, N. J.
- Johnston, R. F. Paint Co., A. Johnston, Pres., Pearl & Main Sts., Cincinnati, Ohio.
- Jones-Dabney Co. (Inc.), E. J. Probeck, Prod. Mgr., 1481 S. 11th St., Louisville, Ky.
- Jones & Dillingham, H. L. Jones, Asst. Mgr., 713 First Ave., Spokane, Wash.
- Joseph Mfg. Co., Joseph S. Pedrick, owner, 122 Chestnut Ave., Woodlyne, N. J.
- Keystone Varnish Co., F. Etwell, Sec., 71 Otsego St., Brooklyn, N. Y.
- Lampton, Crane & Ramey Co., A. E. Warfield, V. Pres. in charge of sales, 1201 Story Ave., Louisville, Ky.
- Lawrence, W. W. & Co., C. D. Wettach, Pres., W. Carson St., Pittsburgh, Pa.
- Leitch Mfg. Co., I. J. Miners, V. Pres., 342 Madison Ave., New York, N. Y.
- Liebich, G. J., Co., Harry J. Donner, Sec., 166 W. Kinzie St., Chicago, Ill.
- Lion Varnish Co., Herbert G. Bailey, Pres., Cooper Ave. & Proctor St., Glendale, Brooklyn, N. Y.
- Long, Chas. R., jr., Co., Samuel S. Demarest, V. Pres., 1520 W. Hill St., Louisville, Ky.
- Louisville Paint Mfg. Co., L. E. First, Sec., 1112 W. Main St., Louisville, Ky.
- Lucas, John & Co. (Inc.), James R. Allen, Mgr. marine dept., 521 Washington St., New York, N. Y.
- Lucas, John & Co. (Inc.), G. Johannes, Mgr. Ind. sales, 322 Race St., Phila., Pa.
- Mahoning Paint & Oil Co., B. Nichols, Sec., 653 Jones St., Youngstown, Ohio.
- Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig St., New Orleans, La.
- Mathews Paint Co. (Inc.), J. Kelleher, Sec., 219 S. Los Angeles St., Los Angeles, Calif.
- Mayer & Loewenstein, James A. Awaham, V. Pres., 43 Vernon Blvd., Long Island City, N. Y.
- McDougall-Butler Co. (Inc.), J. M. Graves, V. Pres., 6 Evans St., Buffalo, N. Y.
- McMurtry Mfg. Co., Allan G. Barr, salesman, 1533 Arapahoe St., Denver, Colo.
- McNamara, Michael, Varnish Works, Michael McNamara, V. Pres., 2538 Clark Ave., Detroit, Mich.
- Merking, M. J., Paint Co. (Inc.), Edward Burger, Tech. Mgr., 25 Spruce St., New York, N. Y.
- Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balto., Md.
- Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn.
- Mobile Paint Mfg. Co., B. S. Butler, Pres., Dauphin & Waters Sts., Mobile, Ala.
- Moore, Benjamin & Co., L. A. Diddle, Mgr., 4400 E. 71st St., Cleveland, Ohio.
- Moore, Benjamin & Co., Richard Moore, Mgr., 1600 S. Second St., St. Louis, Mo.
- Natroco Paint & Varnish Works, H. B. Fleming, Mgr., Fillmore Ave., Tonawanda, N. Y.
- Newark Varnish Works, H. G. Clopper, Pres., 221 McWhorter St., Newark, N. J.
- North Star Varnish Co., G. D. Hough, Pres., 608 Vandalia, St. Paul, Minn.
- Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
- Oxford Varnish Corp., A. P. Tallman, Ch. Bd. of D., 350 Morris St., Toledo, Ohio.
- Palmer-Price Co., R. A. Luz, Treas., McWhorter & Chestnut Sts., Newark, N. J.
- Paraffine Cos. (Inc.), E. R. DeGraf, Mgr., Paint Dept., 475 Brannan St., San Francisco, Calif.
- Parr Paint & Color Co., W. J. Parr, Pres., 18312 Syracuse Ave., Cleveland, Ohio.
- Patek Bros. (Inc.), W. O. Schwarz, V. Pres., 230 E. Water St., Milwaukee, Wis.
- Peaslee Gaulbert Paint & Varnish Co., H. Fitzpatrick, Asst. Mgr., trade sales, 223 N. 15th St., Louisville, Ky.
- Pecora Paint Co., S. A. Bowen, Pres., 3501 N. Fourth St., Phila., Pa.
- Perry & Derrick Co. (Inc.), F. J. Derrick, Pres., 906 Central Ave., Cincinnati, Ohio.
- Phoenix Paint & Varnish Co., W. Gentry Hodgson, Sec., 124 Market St., Phila., Pa.
- Pittsburgh Plate Glass Co., H. E. Reeve, Agt., 2 Chester Ave., Newark, N. J.
- Red Spot Paint & Varnish Co., H. B. Bausland, Treas., 110 Main St., Evansville, Ind.
- Reliable Leather Dressing Co., N. Sraka, Prop., 43 Crescent St., Long Island City, N. Y.
- Republic Varnish Co., S. Long, Pres., 201 Thomas St., Newark, N. J.
- St. Louis Surfacers & Paint Co., H. Davis, Pres., 4200 Arlington Ave., St. Louis, Mo.
- Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va.
- Scientific Production Corp., Philip G. Strong, V. Pres. & Sec., 3852 Grand Cent. Terminal, New York, N. Y.
- Seidlitz Paint & Varnish Co., J. F. Hammond, V. Pres., 18th & Garfield Sts., Kansas City, Mo.
- Sewall Paint & Varnish Co., A. C. Bale, V. Pres., 1009 W. 8th St., Kansas City, Mo.
- Sipe, James B., & Co., J. C. Adderly, V. Pres., 704 Chamber of Commerce Bldg., Pittsburgh, Pa.
- Solastie Products Co. (Inc.), Harold J. Rudd, Pres., 3018 Ninth Ave., S., Seattle, Wash.
- Sommers & Co. (Ltd.), J. Miners, Pres., 342 Madison Ave., New York, N. Y.

- Spruance, Gilbert Co., Gilbert Spruance, Pres., Richmond & Tioga Sts., Phila., Pa.
- Standard Paint & Lead Works (Inc.), A. C. Benstern, Treas., Willey Ave. on Big 4 R. R., Cleveland, Ohio.
- Steen, John A. Varnish Co., L. B. Logen, Treas., 327 W. 37th St., Chicago, Ill.
- Sterling Paint Co., N. D. Bergerson, Gen. Mgr., 6460 Green St., Emeryville, Calif.
- Stewart Bros. Paint Co., W. E. Stewart, Sec., 999 N. Union Ave., Alliance, Ohio.
- Suydam, M. B., Co., R. S. Suydam, Pres., Island & Preble Aves., Pittsburgh, Pa.
- Thibaut & Walker Co., O. S. Swanson, Sec., 46th Rd., Long Island City, N. Y.
- Thompson & Co., John L. Crowley, Supt., 857 W. North Ave., Pittsburgh, Pa.
- Thomson Wood Finishing Co., Jack Binswanger, Tech. Dir., 829 N. Third St., Phila., Pa.
- Thresher Varnish Co., J. A. Pfanner, Sec., 1100 E. Monument Ave., Ext., Dayton, Ohio.
- Tibbetts, H. R., Paint Co., H. R. Tibbetts, V. Pres., 1616 E. 14th St., Los Angeles, Calif.
- Toch Bros. (Inc.), Maximilian Toch, V. Pres., 443 4th Ave., New York, N. Y.
- Truscon Laboratories, J. J. Super, Asst. Gen. Mgr., Caniff Ave., & G. T. R. R., Detroit, Mich.
- Utle Paint Co. (Inc.), E. Nemwith, jr., Sec., 1126 Gravier St., New Orleans, La.
- Vallé Co., Dr. Cecilio D. Vallé, Pres., 4476 E. 71st St., Cleveland, Ohio.
- Wamblu Corp., Emil M. Blatau, Sec., 1326 Ridge Rd., Rochester, N. Y.
- Warren Paint & Color Co., Raymond A. Perry, V. Pres., 700 Wedgewood Ave., Nashville, Tenn.
- Western Paint & Varnish Co., John C. Gelvant, V. Pres., foot of Herman Ave., Duluth, Minn.
- Wetherill, Geo. D., & Co. (Inc.), S. D. Davis, Tech. Dir., 113 Arch St., Phila., Pa.
- Woolsey, C. A. Paint & Color Co., Harry Woolsey, Sec., 500 Grand St., Jersey City, N. J.
- Yates & Co. (Inc.), C. M. Yates, jr., Pres., 754 Folsom St., San Francisco, Calif.

Spec. 20a, LIQUID PAINT DRIER

- Alpers, W. A., W. A. Alpers, Pres., 1039 W. 11th St., Cleveland, Ohio.
- Akron Varnish Co., C. A. Beck, Gen. Mgr., Firestone Blvd., Akron, Ohio.
- American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La.
- Arco Co., W. David Andrew, V. Pres., 7301 Bessemer Ave., Cleveland, Ohio.
- Arlington Paint & Varnish Co., Alfred B. Stellwagon, Mgr., 1329 Harrison Ave., S. W., Canton, Ohio.
- Arnesto Paint Co. (Inc.), M. Arnstern, Pres., 546 W. 46th St., New York, N. Y.
- Athey, C. M., Paint Co., C. M. Athey, Pres., 500 S. Hanover St., Balto., Md.
- Atlantic Varnish Works (Inc.), A. P. Ripley, Pres., 2829 Lester St., Richmond, Va.
- Baer Bros., M. Baer, Mem. firm, 438 W. 37th St., New York, N. Y.
- Baltimore Paint & Color Works (Inc.), Morris Shuger, Pres., 148 S. Calverton Rd., Balto., Md.
- Benson Paint & Varnish Co., B. Y. Benson, Pres., Birmingham, Ala.
- Bigelow Varnish Co., James W. Crelin, Asst. Sec., 87 Oliver St., Newark, N. J.
- Breinig Bros., M. B. Fuller, Gen. Mgr., 3d & Grand Sts., Hoboken, N. J.
- Briggs-Maroney Co. (Inc.), George J. Blake, Sec., 85 Paris St., Everett, Mass.
- Calbar Paint & Varnish Co., F. E. Elwees, V. Pres., 2620 Martha St., Phila., Pa.
- California Ink Co. (Inc.), Paul W. Shattuck, V. Pres., 426 Battery St., San Francisco, Calif.
- California Paint Co., M. S. Orrick, V. Pres., 1797 12th St., Oakland, Calif.
- Capitol Paint & Varnish Works (Inc.), H. J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y.
- Central Paint & Varnish Works, Bernard F. Barrich, Supt., 63 Prospect St., Brooklyn, N. Y.
- Certain-teed Products Corp., D. C. Cole, V. Pres., 100 E. 42d St., New York, N. Y.
- Cleveland Paint & Color Co., W. A. Alpers, Sec., 1039 W. 11th St., Cleveland, Ohio.
- Cochran, John P., Co., H. C. Blood, Sec., 19000 Wynnewood Rd., Cleveland, Ohio.
- Cook Paint & Varnish Co., V. H. Whitelam, V. Pres., Kansas City, Mo.
- Cooledge, F. J., & Sons, Grier Martin, Sec., 12 N. Forsyth St., Atlanta, Ga.
- Coyne Bros. Varnish Co. (Inc.), S. H. Coyne, Pres., 2d & Pike Sts., Phila., Pa.
- Davis, H. B., Co., H. B. Davis, Pres., Bayard & Severn Sts., Balto., Md.
- Davis Paint Co., L. O. Hawkinson, V. Pres., 14th & Iron Sts., N. Kansas City, Mo.
- Denny-Hilborn & Rosenbach (Inc.), M. P. Rosenbach, Treas., 230 N. 12th St., Phila., Pa.
- DeSoto Paint & Varnish Co., E. R. Herbert, sales promotion Dir., Broadway & Somerville Sts., Memphis, Tenn.
- Devoe & Raynolds Co. (Inc.), Richard B. Ayer, Tech. Dir., 1 W. 47th St., New York, N. Y. (Type A only.)
- Eagle Paints & Varnish Works, H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y.
- Elliott Varnish Co., H. A. Rowland, Pres., 4525 W. Fifth Ave., Chicago, Ill.
- Elmendorf Varnish Co., A. J. Safstrom, Pres., 841 Larrabee St., Chicago, Ill.
- Farboil Paint Co., M. D. Swartz, owner, Eastern Ave. & 11 St., Balto., Md.
- Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
- Fitch-Riggall Paint & Varnish Co., Albert Riggall, Pres., 315 Market St., Phila., Pa.
- Flood & Conklin Co., C. D. Thurold, Asst. Treas., 132 Chestnut St., Newark, N. J.
- Frey-Yenkin Paint Co., A. I. Yenkin, Mem. firm, 251 N. Sandusky St., Columbus, Ohio.
- Fuller, W. P., & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
- Garland Co., L. J. Pfister, V. Pres., 3748 E. 91st St., Cleveland, Ohio.
- General Paint & Varnish Co., P. H. Bigelow, Pres., 2001 Mendell St., Chicago, Ill.
- Glidden Co., W. M. Williams, V. Pres., Madison Ave. & Berea Rd., Cleveland, Ohio.
- Goheen Corp. of N. J., E. Ress, Sec., 202 Emmett St., Newark, N. J.
- Great Lakes Varnish Works, John G. Shilvock, Pres., 2207 N. Crawford Ave., Chicago, Ill.
- Herock Mfg. Co., Fred L. Herr, partner, Wheatland St., Phoenixville, Pa.

- Hydro Carbon Cos., Frank E. Hawler, Pres., 433 California St., San Francisco, Calif.
- Impervious Paint & Varnish Co., J. E. Peofe, Prop., 161 E. Allen St., Phila., Pa.
- Johnston, R. F., Paint Co., R. F. Johnston, Pres., Pearl & Main Sts., Cincinnati, Ohio.
- Jones-Dabney Co. (Inc.), E. J. Probeck, Prod. Mgr., 1481 S. 11th St., Louisville, Ky.
- Jones & Dillingham, H. L. Jones, Asst. Mgr., 713 First Ave., Spokane, Wash.
- Joseph Mfg. Co., Joseph S. Pedrick, owner, 122 Chestnut Ave., Woodlynne, N. J.
- Keystone Varnish Co., R. M. Ewell, Sec., 71 Otsego St., Brooklyn, N. Y.
- Kohler-McLister Paint Co., Frank McLister, Mgr., W. 13th & Osage Sts., Denver, Colo.
- Lampton, Crane, & Ramey Co., A. E. Warfield, V. Pres. in charge of sales, 1201 Story Ave., Louisville, Ky.
- Lawrence, W. W., & Co., C. D. Wettack, Pres., W. Carson St., Pittsburgh, Pa.
- Liebich, G. J., Co., Harry E. Donner, Sec., 166 W. Kinzie St., Chicago, Ill.
- Lion Varnish Co., H. G. Bailey, Pres., Cooper Ave. & Proctor St., Glendale, Brooklyn, N. Y.
- Long, Chas. R., jr., Co., S. S. Demarest, V. Pres., 1520 W. Hill St., Louisville, Ky.
- Louisville Paint Mfg. Co., L. E. First, Sec., 1112 W. Main St., Louisville, Ky.
- Lucas, John, & Co. (Inc.), James R. Allen, Mgr. Marine Dept., 521 Washington St., New York, N. Y.
- Lucas, John, & Co. (Inc.), G. Johannes, Mgr. Ind. sales, 322 Race St., Phil., Pa.
- Mahoning Paint & Oil Co., B. M. Nichols, Sec., 653 Jones St., Youngstown, Ohio.
- Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig. St., New Orleans, La.
- Mathews Paint Co. (Inc.), J. M. Kelleher, Sec., 219 S. Los Angeles St., Los Angeles, Calif.
- Mayer & Lowenstein, James H. Awaham, V. Pres., 43 Vernon Blvd., Long Island City, N. Y.
- McDougall-Butler Co. (Inc.), F. M. Graves, V. Pres., 6 Evans St., Buffalo, N. Y.
- McMurtry Mfg. Co., Allan G. Barr, salesman, 1533 Anapaboe St., Denver, Colo.
- McNamara, Michael, Varnish Works, Michael McNamara, V. Pres., 2538 Clark Ave., Detroit, Mich.
- Miller & Graham, August Miller Mem. firm 21 S. Gay St., Balto., Md.
- Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn.
- Mobile Paint Mfg. Co., B. S. Butler, Pres., Dauphin & Water Sts., Mobile, Ala.
- Monad Paint & Varnish Co., Darrill J. McCrudden, jr., Prop., Roberts Ave. & Penna. R. R. Phila., Pa.
- Moore, Benjamin, & Co., L. A. Diddle, Mgr., 4400 E. 71st St., Cleveland, Ohio.
- Moore, Benjamin, & Co., Richard Moore, Mgr., 1600 S. Second St., St. Louis Mo.
- Natroco Paint & Varnish Works, H. B. Fleming, Mgr., Filmore Ave., Tonawanda, N. Y.

Spec. 21b, INTERIOR LITHOPONE PAINT, WHITE AND LIGHT TINTS, FLAT OR EGGSHELL FINISH (SEMPASTE AND READY MIXED).

- Adelphi Paint & Color Works (Inc.), O. Einhorn, Pres., 86 St. & Old South Rd., Woodhaven, L. I., N. Y.
- Alpers, W. A., Co., W. A. Alpers, Pres., 1039 W. 11th St., Cleveland, Ohio.
- American Paint & Supply Co., L. F. Ferguson, Asst. Sec., Box 891, Dallas, Tex.
- American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La.
- Apex Color Works (Inc.), L. Liedecker, Sec., 50 W. Broadway, New York, N. Y.
- Arco Co., David Andrew, V. Pres. & Dir. of sales, 7301 Bessemer Ave., Cleveland, Ohio.
- Arlington Paint & Varnish Co., Alfred B. Stellwagon, Mgr., 1329 Harrison Ave. SW., Canton, Ohio.
- Arnesto Paint Co. (Inc.), M. Arnstern, Pres., 546 W. 46th St., New York, N. Y.
- Ashland Paint Co., E. W. Miller, Gen. Mgr., Huntington, W. Va.
- Athey, C. M., Paint Co., C. M. Athey, Pres., 500 S. Hanover St., Balto., Md.
- Avalon Paint Corp., F. A. Sage, Pres., 2127 Santee St., Los Angeles, Calif.
- Baer Bros., M. Baer, Mem. firm., 438 W. 37th St., New York, N. Y.
- Baltimore Paint & Color Works (Inc.), Morris Shuger, Pres., 143 S. Calverton Rd., Balto., Md.
- Benson Paint & Varnish Co., B. Y. Benson, Pres., Birmingham, Ala.
- Bigelow Varnish Co., J. W. Crelin, Asst. Sec., 87 Oliver St., Newark, N. J.
- Blue Ribbon Paint Co., G. W. Vogt, V. Pres., 2321 Main St., Wheeling, W. Va.
- Boatwright Paint & Varnish Works, T. B. Boatwright, Pres., 134 Walker St., Atlanta, Ga.
- Born, L., L. Born, Prop., Hampton, Va.
- Bradford, James, Co., W. M. Francis, Pres., 212 Market St., Wilmington, Del.
- Bradley & Vrooman Co., E. M. Rosenthal, Sec., 2632 S. Dearborn St., Chicago, Ill.
- Breinig Bros. (Inc.), N. B. Fuller, Gen. Mgr., 3d & Grand Sts., Hoboken, N. J.
- Briggs Maroney Co. (Inc.), George J. Beake, Sec., 85 Paris St., Everett, Mass.
- Calbar Paint & Varnish Co., F. E. Elwees, V. Pres., 2620 Martha St., Phila., Pa.
- California Paint Co., M. Orrick, V. Pres., 1797 12th St., Oakland, Calif.
- Capitol Paint Co. (Inc.), C. C. Smith, Pres., South Washington, Va.
- Capitol Paint & Varnish Works (Inc.), H. J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y.
- Casad, James G., Co., James G. Casad, Pres., 601 Romine St., Urbana, Ill.
- Central Paint & Varnish Works, Bernard Barrich, Tech. Dir., 63 Prospect St., Brooklyn, N. Y.
- Certain-teed Products Corp., Dntro C. Cole, V. Pres., 100 E. 42d St., New York, N. Y.
- Chicago White Lead & Oil Co., Albert Engelsman, Asst. Sec., 1454 S. Western Ave., Chicago, Ill.
- Cleveland Paint & Color Co., W. A. Alpers, Sec., 1039 W. 11th St., Cleveland, Ohio.
- Cochran, John P., Co., H. C. Blood, Sec., 19000 Wynnewood Rd., Cleveland, Ohio.
- Cook Paint & Varnish Co., V. H. Whitlam, V. Pres., Kansas City, Mo.
- Coolledge, F. J., & Sons (Inc.), Grier Martin, Sec., 12 N. Forsyth St., Atlanta, Ga.
- Davis, H. B., Co., H. B. Davis, Pres., Bayard & Severn Sts., Balto., Md.
- Davis Paint Co., L. O. Hawkinson, V. Pres., 14th & Iron Sts., N. Kansas City, Mo.

- Denny, Hilborn & Rosenbach (Inc.), M. P. Rosenbach, Treas., 230 N. 12th St., Phila., Pa.
- DeSoto Paint & Varnish Co., E. R. Herbert, sales promotion Dir., Broadway & S. Sommerville Sts., Memphis, Tenn.
- Detroit Graphite Co., P. Maury, V. Pres., 550 12th St., Detroit, Mich.
- Detroit White Lead Works, J. V. Carr, sales Mgr., 1960 E. Milwaukee Ave., Detroit, Mich.
- Devoe & Raynolds Co. (Inc.), Richard B. Ayer, Tech. Dir., 1 W. 47th St., New York, N. Y.
- Dolphin Paint & Varnish Co., Julius Blum, 2d V. Pres., Champlain & Locust Sts., Toledo, Ohio.
- Domino Paint Mfg. Co. (Inc.), F. O'Brien, Pres., 1330 St. Peter St., New Orleans, La.
- Dozier & Gay Paint Co., J. H. Gay, Pres., 46 W. Bay St., Jacksonville, Fla.
- Eagle Paint & Varnish Works (Inc.), H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y.
- Elkhart Enamel & Paint Corp., W. F. Steep, Gen. Mgr., Crawford St., Elkhart, Ind.
- Elliott Varnish Co., H. A. Rowland, Pres., 4525 W. Fifth Ave., Chicago, Ill.
- Ernecke & Salmstein Co., R. Wasseruling, Mgr., 944 W. North Ave., Chicago, Ill.
- Farboil Paint Co., M. D. Swartz, owner, Eastern Ave. & 11th St., Balto., Md.
- Federal Composition & Paint Co. (Inc.), G. H. Miles, Ch. Clerk, 33 Rector St., New York, N. Y.
- Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
- Fitch-Riggall Paint & Varnish Co., Albert Riggall, Pres., 315 Market St., Phila., Pa.
- Forman, Ford & Co., A. S. Clerihem, Pres., 111 Second St., S., Minneapolis, Minn.
- Franklin Paint Co., L. S. Sanders, Gen. Mgr., 8203 Franklin Ave., Cleveland, Ohio.
- Frazer Paint Co., W. E. Hanes, V. Pres., 2475 Hubbard Ave., Detroit, Mich.
- Frey-Yenkin Paint Co., A. I. Yenkin, Mem. firm, 251 N. Sandusky St., Columbus, Ohio.
- Fuller, W. P. & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
- Furolin Paint Fire Proofing Co. (Inc.), G. Johnston, Sec., 216 W. Kinzie St., Chicago, Ill.
- Garland Co., L. J. Pfister, V. Pres., 3748 E. 91st St., Cleveland, Ohio.
- Gates, J. M. Sons, Co., D. H. Gates, Mgr., 27 Summers St., Charleston, W. Va.
- General Paint & Varnish Co., E. H. Bigelow, Pres., 2001 Mendell St., Chicago, Ill.
- Glidden Co., W. Williams, Co., V. Pres., Madison Ave. & Berea Rd., Cleveland, Ohio.
- Globe Paint Co., Geo. B. Spicer, sales Mgr., 202 Market St., Williamsport, Pa.
- Goheen Corp. of N. J., E. Ress, Sec., 202 Emmett St., Newark, N. J.
- Great Lakes Varnish Works, John G. Shilvock, Pres., 2207 N. Crawford Ave., Chicago, Ill.
- Hampden Paint & Chem. Co., W. Lee Costigan, Asst. Sec., 161 Armory St., Springfield, Mass.
- Hancock Paint & Varnish Co., Edwin J. Heap, V. Pres., Atlantic, Mass.
- Hanline Bros., Leon Hanline, Mem. firm, 23 S. Howard St., Balto., Md.
- Harper-Scott Paint Mfg. Co., H. C. Hain, Sec., 700 N. Main St., St. Louis, Mo.
- Henderson & Johnson (Inc.), R. B. Henderson, Pres., 121 Duncan St., Gloucester, Mass.
- Herock Mfg. Co., Fred L. Herr, partner, Wheatland St., Phoenixville, Pa.
- Hockaday (Inc.), J. H. Hirsch, Pres., 1823 Carroll Ave., Chicago, Ill.
- Hunt, J. W., J. W. Hunt, Prop., 1221 New York Ave., NW., Washington, D. C.
- Impervious Paint & Varnish Co., J. C. Peofe, Prop., 161 E. Allen St., Phila., Pa.
- Industrial Paint Co., H. B. Charles, Sec., 1444 Oliver Bldg., Pittsburgh, Pa.
- Inland White Lead Co., C. Walton Aborn, Supt., 741 Boston Ave., Chicago, Ill.
- International Paint Corp., E. B. Dunford, Gen. Mgr., 13th St. & Southern Rwy., East St. Louis, Ill.
- Johnson, A. S. & Co., Geo. Johnson, Mgr., 1142 Broadway, Tacoma, Wash.
- Johnson, Oliver & Co., Denison W. Green, Treas., 18 Custom House St., Providence, R. I.
- Johnson, S. C. & Son, H. F. Johnson, jr., partner, 1012 16th St., Racine, Wis.
- Johnston, R. F., Paint Co., A. Fel Johnston, Pres., Pearl & Main Sts., Cincinnati, Ohio.
- Jones-Dabney Co. (Inc.), E. J. Probeck, Prod. Mgr., 1481 S. 11th St., Louisville, Ky.
- Jones & Dillingham, H. L. Jones, Asst. Mgr., 713 First Ave., Spokane Wash.
- Keystone Varnish Co., A. Etwell, Sec., 71 Otsego St., Brooklyn, N. Y.
- King, William H. & Co., Parker D. King, Pres., 66 Kane St., Brooklyn, N. Y.
- Kohler-McLister Paint Co., F. McLister, Mgr., W. 13th & Osage Sts., Denver, Colo.
- Lampton, Crane & Ramey Co., A. E. Warfield, V. Pres. in charge of sales, 1201 Story Ave., Louisville, Ky.
- Lawrence & Co., W. W., C. D. Wettach, Pres., W. Carson St., Pittsburgh, Pa.
- Leavitt, Louis, Phillip H. Leavitt, Mgr., 454 Driggs Ave., Brooklyn, N. Y.
- Leitch Mfg. Co., J. Miners, 342 Madison Ave., New York, N. Y.
- Liebich, G. J. Co., Harry E. Donner, Sec., 166 W. Kinzie St., Chicago, Ill.
- Lincoln Paint & Color Co., H. H. McVicker, Asst. sales Mgr., 811 M St., Lincoln, Nebr.
- Lino Paint Co., A. H. Clino, V. Pres., 16908 Waterloo Rd., Cleveland, Ohio.
- Lion Varnish Co., Herbert G. Bailey, Pres., Cooper Ave. & Proctor St., Glendale, Brooklyn, N. Y.
- Long, Chas. R., jr. Co., Samuel S. Demarest, V. Pres., 1520 W. Hill St., Louisville, Ky.
- Louisville Paint Mfg. Co., L. E. First, Sec., 1112 W. Main St., Louisville, Ky.
- Lucas, John & Co. (Inc.), James R. Allen, Mgr., Marine Dept., 521 Washington St., New York, N. Y.
- Lucas, John & Co. (Inc.), G. Johannes, Mgr. Ind. Sales, 322 Race St. Phila., Pa.
- Mahoning Paint & Oil Co., B. Nichols, Sec., 653 Jones St., Youngstown, Ohio.
- Marietta Paint & Color Co., W. R. Campbell, V. Pres., Greene & Acme Sts., Marietta, Ohio.
- Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig St., New Orleans, La.
- Martin-Semour Co., F. W. Somers, Mgr., 18 Sackett St., Brooklyn, N. Y.
- Mathews Paint Co. (Inc.), J. Kelleher, Sec., 219 S. Los Angeles St., Los Angeles, Calif.
- Mayer & Loewenstein, James H. Awaham, V. Pres., 43 Vernon Blvd., Long Island City, N. Y.
- McDaniel Paint & Varnish Co., Irwin M. Severson, V. Pres., 1500 W. Kinzie St., Chicago, Ill.
- McDougall-Butler Co. (Inc.), J. M. Graves, V. Pres., 6 Evans St., Buffalo, N. Y.
- McMurtry Mfg. Co., Allan G. Barr, salesman, 1533 Arapahoe St., Denver, Colo.

- McNamara, Michael, Varnish Works, Michael McNamara, V. Pres., 2538 Clark Ave., Detroit, Mich.
- Merkin, M. J., Paint Co. (Inc.), Edward Burger, Tech. Mgr., 25 Spruce St., New York, N. Y.
- Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balto., Md.
- Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn.
- Mobile Paint Mfg. Co., B. S. Butler, Pres., Dauphin & Water Sts., Mobile, Ala.
- Moline Paint Mfg. Co., Warren C. Skinner, Sec., 101 16th St., Moline, Ill.
- Monad Paint & Varnish Co., D. J. McCrudden, jr., Prop., Roberts Ave. & Penna. R. R., Phila., Pa.
- Moore, Benjamin, & Co., L. A. Diddle, Mgr., 4400 E. 71st St., Cleveland, Ohio.
- Moore, Benjamin, & Co., Geo. W. Jenkin, Asst. Treas., 511 Canal St., New York, N. Y.
- Moore, Benjamin, & Co., Richard Moore, Mgr., 1100 S. Second St., St. Louis, Mo.
- Mutual Paint Co., N. P. Malvern, Gen. Mgr., 700 Vandalia St., St. Paul, Minn.
- Mutual Paint Mfg. Co., W. Schmitt, Mgr., 826 S. 18th St., St. Louis, Mo.
- Natroco Paint & Varnish Works, H. B. Fleming, Mgr., Fillmore Ave., Tonawanda, N. Y.
- North Star Varnish Co., G. D. Hough, Pres., 608 Vandalia St., St. Paul, Minn.
- Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
- Oxford Varnish Corp., A. P. Tallman, Ch. Bd. of Dir., 350 Morris St., Toledo, Ohio.
- Palmer-Price Co., R. A. Luz, Treas., McWhorter & Chestnut Sts., Newark, N. J.
- Paraffine Cos. (Inc.), E. R. DeGraf, Mgr., Paint Dept., 475 Brannan St., San Francisco, Calif.
- Parr Paint & Color Co., W. J. Parr, Pres., 18312 Syracuse Ave., Cleveland, Ohio.
- Patek Bros. (Inc.), W. Schwarz, V. Pres., 230 E. Water St., Milwaukee, Wis.
- Peaslee Gaubert Paint & Varnish Co., H. Fitzpatrick, Asst. Mgr. trade sales, 223 N. 15th St., Louisville, Ky.
- Pecora Paint Co., S. Bowen, Pres., 3501 N. Fourth St., Phila., Pa.
- Perry & Derrick Co. (Inc.), F. J. Derrick, Pres., 906 Central Ave., Cincinnati, Ohio.
- Phelan-Faust Paint Mfg. Co., K. Young, Mgr., 1215 Pine St., St. Louis, Mo.
- Phoenix Paint & Varnish Co., W. Gentry Hodgson, Sec., 124 Market St., Phila., Pa.
- Pittsburgh Plate Glass Co., H. E. Reeve, Agt., 2 Chester Ave., Newark, N. J.
- Porter Paint Co., Paul T. Eitel, Asst. Sec., 401 S. 14th St., Louisville, Ky.
- Red Spot Paint & Varnish Co., Harry B. Bausland, Treas., 110 Main St., Evansville, Ind.
- Reliable Paint Co., W. E. Mullin, Pres., 906 E. Main St., Louisville, Ky.
- Republic Varnish Co., S. S. Long, Pres., 201 Thomas St., Newark, N. J.
- Ronan, T. J., Co. (Inc.), Arthur T. Ronan, V. Pres., 17 Atlantic Ave., Brooklyn, N. Y.
- St. Louis Surfacers & Paint Co., H. Davis, Pres., 4200 Arlington Ave., St. Louis, Mo.
- St. Paul White Lead & Oil Co., M. Sweeney, Treas., Water & Starkey Sts., St. Paul, Minn.
- Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va.
- Sargent-Gerke Co., W. H. Gerke, Pres., W. 15th & Big 4 R. R., Indianapolis, Ind.
- Scientific Production Corp., Philip G. Strong, V. Pres., 3852 Grand Cent. Terminal, New York, N. Y.
- Seidlitz Paint & Varnish Co., J. F. Hammond, V. Pres., 18th & Garfield Sts., Kansas City, Mo.
- Sewall Paint & Varnish Co., A. C. Bale, V. Pres., 1009 W. 8th St., Kansas City, Mo.
- Sheldon, Albert K., Co., A. K. Sheldon, Pres., 187 Broadway, Cambridge, Mass.
- Sipe, James B., & Co., J. C. Adderly, V. Pres., 704 Chamber of Commerce Bldg., Pittsburgh, Pa.
- Solastic Products Co. (Inc.), Harold D. Rudd, Pres., 3018 Ninth Ave., S., Seattle, Wash.
- Sommers & Co. (Ltd.), J. Miners, Pres., 342 Madison Ave., New York, N. Y.
- Special Products Co., C. Littleton, owner, 2412 Trenton Ave., Bristol, Pa.
- Spruance, Gilbert Co., Gilbert Spruance, Pres., Richmond & Tioga St., Phila., Pa.
- Standard Paint & Lead Works (Inc.), A. C. Bernstein, Treas., Willey Ave. on Big 4 R. R. Cleveland, Ohio.
- Sterling Paint Co., N. D. Bergeron, Gen. Mgr., 6460 Green St., Emeryville, Calif.
- Sterling Paint & Varnish Co., A. E. Cole, Pres., 170 Border St., East Boston, Mass.
- Stewart Bros. Paint Co., W. E. Stewart, Sec., 999 N. Union Ave., Alliance, Ohio.
- Stewart Paint Mfg. Co., E. Stewart, Pres., 1729 Second St., N., Minneapolis, Minn.
- Suydam, M. B. Co., R. S. Suydam, Pres., Island & Preble Aves., Pittsburgh, Pa.
- Tampa Paint & Varnish Co., E. B. Cordon, Mgr., 104 Washington St., Tampa, Fla.
- Thompson & Co., J. L. Crowley, Supt., 857 W. North Ave., Pittsburgh, Pa.
- Thomson Wood-Finishing Co., Jack Binswanger, Tech. Dir., 829 N. Third St., Phila., Pa.
- Thresher Varnish Co., J. A. Pfanner, Sec., 1100 E. Monument Ave., Ext., Dayton, Ohio.
- Toch Bros. (Inc.), M. Toch, V. Pres., 443 4th Ave., New York, N. Y.
- Tower Varnish & Dryer Co., C. G. Grunler, Sec., Dayton, Ohio.
- Tropical Paint & Oil Co., R. G. Hascall, Pres., 1240 W. 70th St., Cleveland, Ohio.
- Truscon Laboratories, J. J. Super, Asst. Gen. Mgr., Caniff Ave., & G. T. R. R., Detroit, Mich.
- Utiley Paint Co. (Inc.), E. Nenwith, jr., Sec., 1126 Gravier St., New Orleans, La.
- Vallé Co., Dr. Cecilio D. Vallé, Pres., 4476 E. 71st St., Cleveland, Ohio.
- Varecraft Works (Inc.), F. A. Wertz, Prod. Mgr., Keim & Cross Sts., Pottstown, Pa.
- Wamblu Corp., Emil M. Blatau, Sec., 1326 Ridge Rd., Rochester, N. Y.
- Warren Paint & Color Co., Raymond A. Perry, V. Pres., 700 Wedgewood Ave., Nashville, Tenn.
- West Chemical & Paint Co., H. M. Sorrick, Pres., Springport, Mich.
- Western Paint & Varnish Co., John C. Gelvant, V. Pres., foot of Herman Ave., Duluth, Minn.
- Wetherill, Geo. D., & Co. (Inc.), S. D. Davis, Tech. Dir., 113 Arch St., Phila., Pa.
- White Co., J. Benesch, Asst. Sec., Loney's Lane & Biddle St., Balto., Md.
- Wilson Paint Co., A. W. Schreing, Sec., 410 Reading Rd., Cincinnati, Ohio.
- Witte, John H., & Sons, William A. Witte, Partner, Burlington, Iowa.
- Woolsey, C. A. Paint & Color Co., Harry Woolsey, Sec., 500 Grand St., Jersey City, N. J.
- Yarnall Paint Co., Geo. B. Beitzel, V. Pres., Grays Ave., West of 54th St., Phila., Pa.
- Yates & Co. (Inc.), C. M. Yates, jr., Pres., 754 Folsom St., San Francisco, Calif.

Spec. 22, INTERIOR VARNISH

- Akron Varnish Co., C. A. Beck, V. Pres., Firestone Blvd., Akron, Ohio.
- Alpers, W. A., Co., W. A. Alpers, Pres., 1039 W. 11th St., Cleveland, Ohio.
- American Paint & Supply Co., L. H. Ferguson, Asst. Sec., Box 891, Dallas, Tex.
- American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La.
- Arco Co., David Andrew, V. Pres., 7301 Bessemer Ave., Cleveland, Ohio.
- Arlington Paint & Varnish Co., Alfred B. Stellwagon, Mgr., 1329 Harrison Ave. SW., Canton, Ohio.
- Arnesto Paint Co. (Inc.), M. Arnstern, Pres., 546 W. 46th St., New York, N. Y.
- Athey, C. M. Paint Co., C. M. Athey, Pres., 500 S. Hanover St., Balto., Md.
- Atlantic Varnish Works (Inc.), A. P. Ripley, Pres., 2829 Lester St., Richmond, Va.
- Avalon Paint Corp., F. A. Sage, Pres., 2127 Santee St., Los Angeles, Calif.
- Baer Bros., M. Baer, Mem. firm, 438 W. 37th St., New York, N. Y.
- Baltimore Paint & Color Works (Inc.), Morris Shuger, Pres., 148 S. Calverton Rd., Balto., Md.
- Benson Paint & Varnish Co., B. Y. Benson, Pres., Birmingham, Ala.
- Bigelow Varnish Co., J. W. Crelin, Asst. Sec., 87 Oliver St., Newark, N. J.
- Breinig Bros. (Inc.), M. B. Fuller, Gen. Mgr., 3d & Grand Sts., Hokoken, N. J.
- Briggs Maroney Co. (Inc.), George J. Beake, Sec., 85 Paris St., Everett, Mass.
- Calbar Paint & Varnish Co., F. Elwees, V. Pres., 2620 Martha St., Phila., Pa.
- California Ink Co. (Inc.), Paul W. Shattuck, V. Pres., 426 Battery St., San Francisco, Calif.
- California Paint Co., M. S. Orrick, V. Pres., 1797 12th St., Oakland, Calif.
- Capitol Paint & Varnish Works (Inc.), H. J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y.
- Central Paint & Varnish Works, B. Barrich, Tech. Dir., 63 Prospect St., Brooklyn, N. Y.
- Certain-teed Products Corp., Dntro C. Cole, V. Pres., 100 E. 42d St., New York, N. Y.
- Cleveland Paint & Color Co., W. A. Alpers, Sec., 1039 W. 11th St., Cleveland, Ohio.
- Cochran, John P., Co., H. C. Blood, Sec., 19000 Wynnewood Rd., Cleveland, Ohio.
- Cook Paint & Varnish Co., V. H. Whitelam, V. Pres., Kansas City, Mo.
- Coolidge, F. J., & Sons, Grier Martin, Sec., 12 N. Forsyth St., Atlanta, Ga.
- Davis, H. B. Co., H. B. Davis, Pres., Bayard & Severn Sts., Balto., Md.
- Davis Paint Co., L. O. Hawkinson, V. Pres., 14th & Iron St., N. Kansas City, Mo.
- Denny, Hilborn & Rosenbach (Inc.), M. P. Rosenbach, Treas., 230 N. 12th St., Phila., Pa.
- DeSoto Paint & Varnish Co., E. R. Herbert, sales promotion Dir., Broadway & S. Sommerville Sts., Memphis, Tenn.
- Detroit White Lead Works, J. V. Carr, sales Mgr., 1960 E. Milwaukee, Detroit, Mich.
- Devoe & Reynolds Co. (Inc.), R. B. Ayer, Tech. Dir., 1 W. 47th St., New York, N. Y.
- Eagle Paint & Varnish Works, H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y.
- Elliott Varnish Co., H. A. Rowland, Pres., 4525 W. Fifth Ave., Chicago, Ill.
- Elmendorf Varnish Co., A. J. Safstrom, Pres., 841 Larrabee St., Chicago, Ill.
- Farboil Paint Co., M. D. Swartz, owner, Eastern Ave. & 11th St., Balto., Md.
- Federal Composition & Paint Co. (Inc.), G. H. Miles, Ch. Clerk, 33 Rector St., New York, N. Y.
- Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
- Fitch-Riggall Paint & Varnish Co., Albert Riggall, Pres., 315 Market St., Phila., Pa.
- Flood & Conklin Co., Chas. D. Thuroid, Asst. Treas., 132 Chestnut St., Newark, N. J.
- Franklin Paint Co., L. S. Sanders, Gen. Mgr., 8203 Franklin Ave., Cleveland, Ohio.
- Frey-Yenkin Paint Co., A. I. Yenkin, Mem. firm., 251 N. Sandusky St., Columbus, Ohio.
- Fuller, W. P., & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
- Garland Co., L. J. Pfister, V. Pres., 3748 E. 91st St., Cleveland, Ohio.
- General Paint & Varnish Co., H. Bigelow, Pres., 2001 Mendell St., Chicago, Ill.
- Glidden Co., W. Williams, V. Pres., Madison Ave. & Berea Rd., Cleveland, Ohio.
- Globe Paint Co., Geo. B. Spicer, Sales Mgr., 202 Market St., Williamsport, Pa.
- Goheen Corp. of N. J., El Ress, Sec., 202 Emmett St., Newark, N. J.
- Great Lakes Varnish Works, John G. Shilvoek, Pres., 2207 N. Crawford Ave., Chicago, Ill.
- Herock Mfg. Co., Fred L. Herr, partner, Wheatland St., Phoenixville, Pa.
- Hydro Carbon Cos., F. E. Hawler, Pres., 433 Calif. St., San Francisco, Calif.
- Impervious Paint & Varnish Co., J. E. Peofe, Prop., 161 E. Allen St., Phila., Pa.
- Indianapolis Varnish Co., Emil Ebner, Pres., 147 N. Pine St., Indianapolis, Ind.
- International Paint Corp., E. B. Dunford, Gen. Mgr., 13th St. & Southern Rwy., East St. Louis, Ill.
- Johnson, S. C., & Son, A. F. Johnson, jr., partner, 1012 16th St., Racine, Wis.
- Johnston, R. F., Paint Co., A. Fel Johnston, Pres., Pearl & Main Sts., Cincinnati, Ohio.
- Jones-Dabney Co. (Inc.), E. J. Probeck, Prod. Mgr., 1481 S. 11th St., Louisville, Ky.
- Jones & Dillingham, H. L. Jones, Asst. Mgr., 713 First Ave., Spokane, Wash.
- Keystone Varnish Co., A. Etwell, Sec., 71 Otsego St., Brooklyn, N. Y.
- King Varnish Co., A. Engelsman, Asst. Sec., 1436 S. Western Ave., Chicago, Ill.
- Kohler-Mclister Paint Co., F. McLister, Mgr., W. 13th & Osage Sts., Denver, Colo.
- Lampton, Crane & Raney Co., A. E. Warfield, V. Pres. in charge of Sales, 1201 Story Ave., Louisville, Ky.
- Lawrence, W. W., & Co., C. D. Wettach, Pres., W. Carson St., Pittsburgh, Pa.
- Leitch Mfg. Co., J. Miners, V. Pres., 342 Madison Ave., New York, N. Y.
- Liebich, G. J. Co., Harry E. Donner, Sec., 166 W. Kinzie St., Chicago, Ill.
- Lion Varnish Co., H. G. Bailey, Pres., Cooper Ave. & Proctor St., Glendale, Brooklyn, N. Y.
- Long, Chas. R., jr., Co., Samuel S. Demarest, V. Pres., 1520 W. Hill St., Louisville, Ky.
- Louisville Paint & Mfg. Co., L. F. First, Sec., 1112 W. Main St., Louisville, Ky.
- Lucas, John & Co. (Inc.), James R. Allen, Mgr. marine Dept., 521 Washington St., New York, N. Y.

- Lucas, John & Co. (Inc.), G. Johannes, Mgr. Ind. sales, 322 Race St., Phila., Pa.
- Mahoning Paint & Oil Co., B. Nichols, Sec., 653 Jones St., Youngstown, Ohio.
- Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig St., New Orleans, La.
- Mayer & Loewenstein, James H. Awaham, V. Pres., 43 Vernon Blvd., Long Island City, N. Y.
- McCloskey Varnish Co., D. J. McCrudden, Pres., 30th Locust St., Phila., Pa.
- McDougall-Butler Co. (Inc.), F. M. Graves, V. Pres., 6 Evans St., Buffalo, N. Y.
- McMurtry Mfg. Co., Allan G. Barr, salesman, 1533 Araphoe St., Denver, Colo.
- McNamara, Michael, Varnish Works, Michael McNamara, V. Pres., 2538 Clark Ave., Detroit, Mich.
- Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balto., Md.
- Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn.
- Mobile Paint Mfg. Co., B. S. Butler, Pres., Dauphin & Water Sts., Mobile, Ala.
- Monad Paint & Varnish Co., D. J. McCrudden, jr., Prop., Roberts Ave. & Pa. R. R., Phila., Pa.
- Moore, Benjamin, & Co., L. A. Diddle, Mgr., 4400 E. 71st St., Cleveland, Ohio.
- Moore, Benjamin, & Co., Geo. W. Jenkin, Asst. Treas., 511 Canal St., New York, N. Y.
- Moore, Benjamin, & Co., Richard Moore, Mgr. director, 1600 S. 2d St., St. Louis, Mo.
- Murphy Varnish Co., R. Munsick, Dir. Tech. Dept., 224 McWhorter St., Newark, N. J.
- Natoco Paint & Varnish Works, H. B. Fleming, Mgr., Fillmore Ave., Tonawanda, N. Y.
- Newark Varnish Works, H. G. Clopper, Pres., 221 McWhorter St., Newark, N. J.
- North Star Varnish Co., G. Hough, Pres., 608 Vandalia St., St. Paul, Minn.
- Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
- Oxford Varnish Corp., S. P. Tallman, Ch. Bd. of Dir., 350 Morris St., Toledo, Ohio.
- Palmer-Price Co., R. A. Luz, Treas., McWhorter & Chestnut Sts., Newark, N. J.
- Parr Paint & Color Co., W. J. Parr, Pres., 18312 Syracuse Ave., Cleveland, Ohio.
- Patek Bros. (Inc.), W. O. Schwarz, V. Pres., 230 E. Water St., Milwaukee, Wis.
- Peaslee Gaulbert Paint & Varnish Co., H. Fitzpatrick, Asst. Mgr. trade sales, 223 N. 15th St., Louisville, Ky.
- Pecora Paint Co., S. Bowen, Pres., 3501 N. Fourth St., Phila., Pa.
- Perry & Derrick Co. (Inc.), F. J. Derrick, Pres., 906 Central Ave., Cincinnati, Ohio.
- Phoenix Paint & Varnish Co., W. Gentry Hodgson, Sec., 124 Market St., Phila., Pa.
- Pittsburgh Plate Glass Co., H. E. Reeve, Agt., 2 Chester Ave., Newark, N. J.
- Paraffine Cos. (Inc.), R. R. DeGraf, Mgr. paint Dept., 475 Brannan St., San Francisco, Calif.
- Red Spot Paint & Varnish Co., H. B. Bausland, Treas., 110 Main St., Evansville, Ind.
- Reliable Leather Dressing Co., N. Sraka, Prop., 43 Crescent St., Long Island City, N. Y.
- Republic Varnish Co., S. S. Long, Pres., 201 Thomas St., Newark, N. J.
- St. Louis Surfacor & Paint Co., H. Davis, Pres., 4200 Arlington, Ave., St. Louis, Mo.
- Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va.
- Scientific Production Corp., Philip G. Strong, V. Pres., 3852 Grand Cent. Terminal, New York, N. Y.
- Seidlitz Paint & Varnish Co., J. F. Hammond, V. Pres., 18th & Garfield Sts., Kansas City, Mo.
- Sewall Paint & Varnish Co., A. C. Bale, V. Pres., 1009 W. 8th St. Kansas City, Mo.
- Shaw, George H. Co., L. F. Hanling, Treas., Middleboro, Mass.
- Sheldon, Albert K. Co., Albert K. Sheldon, Pres., 187 Broadway, Cambridge, Mass.
- Sipe, James B., & Co., J. C. Adderly, V. Pres., 704 Chamber of Commerce Bldg., Pittsburgh, Pa.
- Solastic Products Co. (Inc.), H. J. Rudd, Pres., 3018 Ninth Ave., S., Seattle, Wash.
- Sommers & Co. (Ltd.), J. Miners, Pres., 342 Madison Ave., New York, N. Y.
- Spruance, Gilbert Co., Gilbert Spruance, Pres., Richmond & Tioga Sts., Phila., Pa.
- Standard Paint & Lead Works (Inc.), A. C. Benstern, Treas., Willey Ave. on Big 4 R. R., Cleveland, Ohio.
- Star Paint & Varnish Co., A. B. Shaw, Mgr., 1530 E. 115th Cleveland, Ohio.
- Steen, John A., Varnish Co., L. B. Logan, Treas., 327 W. 37th St., Chicago, Ill.
- Sterling Paint Co., N. D. Bergeren, Gen. Mgr., 6460 Green St., Emeryville, Calif.
- Stewart Bros. Paint Co., W. E. Stewart, Sec., 999 N. Union Ave., Alliance, Ohio.
- Stille, E. T., & Co., E. Stille, Pres., 2343 Greenview Ave., Chicago, Ill.
- Suydam, M. B., Co., R. S. Suydam, Pres., Island & Preble Aves., Pittsburgh, Pa.
- Thibaut & Walker Co., O. S. Swanson, Sec., 46th Rd., Long Island City, N. Y.
- Thompson & Co., John L. Crowley, Supt., 857 W. North Ave., Pittsburgh, Pa.
- Thomson Wood Finishing Co., J. Binswanger, Tech. Dir., 829 N. 3d St., Phila., Pa.
- Thresher Varnish Co., J. A. Pfanner, Sec., 1100 E. Monument Ave. Ext., Dayton, Ohio.
- Tibbetts, H. R., Paint Co., H. R. Tibbetts, V. Pres., 1616 E. 24th St., Los Angeles, Calif.
- Toch Bros. (Inc.), M. Toch, V. Pres., 443 4th Ave., New York, N. Y.
- Tower Varnish & Dryer Co., C. G. Griner, Sec., Dayton, Ohio.
- Truscon Laboratories, J. J. Super, Asst. Gen. Mgr., Caniff Ave. & G. T. R. R., Detroit, Mich.
- Uteley Paint Co. (Inc.), E. Nenurth, jr. Sec., 1126 Gravier St., New Orleans, La.
- Vallé Co., Dr. Cecilio D. Vallé, Pres., 4476 E. 71st St., Cleveland, Ohio.
- Varcraft Works (Inc.), F. A. Wertz, Prod. Mgr., Keim & Cross Sts., Pottstown, Pa.
- Wamblu Corp., Emil M. Blutau, Sec., 1326 Ridge Rd., Rochester, N. Y.
- Warren Paint & Color Co., R. A. Perry, V. Pres., 700 Wedgewood Ave. Nashville, Tenn.
- Western Paint & Varnish Co., J. C. Gelvant, V. Pres., foot of Herman Ave., Duluth, Minn.
- Wetherill, Geo. D., & Co. (Inc.), S. D. Davis, Tech. Dir., 113 Arch St., Phila., Pa.
- White Co., J. Benesch, Asst. Sec. Loney's Lane & Biddle St., Balto., Md.
- Williams Haywood Co., L. A. Williams, Pres., 2526 W. Van Buren St., Chicago, Ill.
- Woolsey, C. A., Paint & Color Co., H. Woolsey, Sec., 500 Grand St., Jersey City, N. J.
- Yates & Co. (Inc.), C. M. Yates, jr., Pres., 754 Folsom St., San Francisco, Calif.

Spec. 23b, LARGE TUNGSTEN FILAMENT INCANDESCENT ELECTRIC LAMPS

Consolidated Electric Lamp Co., F. W. Marsh, Pres., 90 Holten St., Danvers, Mass.
 Graybar Electric Co., W. H. Leathers, Mgr. Govt. Dept., 100 E. 42d St., New York, N. Y.
 Hygrade Lamp Co., E. J. Poor, Pres., 60 Boston St., Salem, Mass.

Nileo Lamp Works (Inc.), B. G. Erskine, Pres., Emporium, Pa.
 Rooney Lamp Co., F. J., Francis J. Rooney, Pres., 1317 Willow Ave., Hoboken, N. J.

Spec. 26, WHITE FLOATING SOAP (FOR TOILET USE)

Armour & Co., M. L. Sheely, Ch. chemist, 1355 W. 31st., Chicago, Ill.
 Beach Soap Co., W. E. Philbrick, Treas., Lawrence & Maple Sts., Lawrence, Mass.
 Cincinnati Soap Co., M. P. Rosenthal, sales Mgr., Winton Pl., Cincinnati, Ohio.
 Cole, J. W. Co., Jacob W. Cole, Mgr., 82 Smith St., Brooklyn, N. Y.
 Daland & Co. (Inc.), H. F. MacGrotty, Sec., 260 W. Broadway, New York, N. Y.
 Eavenson, J., & Sons (Inc.), I. Katz, Gen. Mgr., Del. Ave. & Penn. St., Camden, N. J.
 Empire Soap Co., H. F. MacGrotty, Sec., 260 W. Broadway, New York, N. Y.
 General Soap Co., R. E. Naccari, owner, 149 California St., San Francisco, Calif.
 Gold Dust Corp., J. J. Smyth, Asst. Sec., 44 Beaver St., New York, N. Y.
 Harral Soap Co., S. Miller, Pres., 463 Greenwich St., New York, N. Y.
 Haskins Bros. & Co., D. Newton, jr., Gen. Mgr., 115 Hickory St., Omaha, Neb.
 Jergens, Andrew, Co., W. Roth, Asst. Gen. Mgr., Spring Grove & Alfred Sts., Cincinnati, Ohio.
 Kirk, Jas. S., & Co., J. L. Oestmann, Treas., 1232 W. North Ave., Chicago, Ill.
 Larkin Co. (Inc.), Burrows Morey, Mgr. soap Dept., 683 Seneca St., Buffalo, N. Y.

Lekko Soap Co., A. G. Rockwell, Pres., 533 S. Franklin St., Chicago, Ill.
 Lewis, Samuel, Miss Loretta Engel, Sec., 73 Barclay St., New York, N. Y.
 Mitchell Wing Co., W. E. Philbrick, Treas., 109 Broad St., Boston, Mass.
 National Soap Co., E. Westwood, Sales Mgr., 357 S. 25th St., Tacoma, Wash.
 North Coast Chemical & Soap Works, F. J. Zorn, Pres., 6307 17th Ave., S., Seattle, Wash.
 Newell Gutrad Co., A. Haas, Pres., 350 Fremont St., San Francisco, Calif.
 Pennsylvania Soap Co. of Lancaster, Pa., O. J. Lautz, V. Pres., 628 S. Prince St., Lancaster, Pa.
 Pioneer Soap Co. (Inc.), H. I. Bernhard, Sec., 400 15th St., San Francisco, Calif.
 Procter & Gamble Distributing Co., H. G. French, V. Pres., Gwynne Bldg., Cincinnati, Ohio.
 Stanley, John T. Co. (Inc.), F. A. Cook, sales Mgr., 642 W. 30th St., New York, N. Y.
 Swift & Co., W. W. Shuman, Asst. Treas., Union Stock Yards, Chicago, Ill.
 Western Soap & Chemical Co., F. E. Blum, Treas., 4726 Loma Vista Ave., Los Angeles, Calif.
 Windsor Soap Co. (Inc.), E. W. Holland, Mgr., 221 Colorado Bldg., Washington, D. C.
 Wisley, Allen B. Co., W. B. Oleson, Sec., 529 S. Franklin St., Chicago, Ill.

Spec. 27, LIQUID SOAP

Abbey, R. A., Co., R. A. Abbey, Mgr., 1109 Jackson St., Scranton, Pa.
 Alpha Chemical Co. (Inc.), Mark Sunstrom, Pres., 129 W. Barre St., Balto., Md.
 American Products Co., R. L. Flett, V. Pres., 3265 Colerain Ave., Cincinnati, Ohio.
 Antiseptol Liquid Soap Co., E. E. McDow, Treas., 564 W. Randolph St., Chicago, Ill.
 Armour & Co., M. L. Sheely, Ch. Chem., 1355 W. 31st St., Chicago, Ill.
 Banner Mfg. Co., D. M. Lemen, Pres., 1810 Blake St., Denver, Colo.
 Baum's Castorine Co., T. C. Moran, Pres., 200 Matthew St., Rome, N. Y.
 Bobrick Chemical Corp., J. E. Hicks, V. Pres., 87 5th Ave., New York, N. Y.
 Bobrick Chemical Co., A. W. Ramsey, Mgr., 111 Garey St., Los Angeles, Calif.
 Bristol-Myers Co., J. M. Allen, Mgr. Indus. sales, 75 West St., New York, N. Y.
 Buffalo Scientific Co., J. Rene Ducetel, Treas., Mass. & Niagara Sts., Buffalo, N. Y.
 Capenin Chemical Co., L. C. Osineup, Mem. firm, 400 W. Bremer Ave., Waverly, Iowa.
 Carpenter, W. D., Co. (Inc.), R. W. Carpenter, Pres., 111 Irving Ave., Syracuse, N. Y.
 Central Soap Co., J. T. Kenny, Pres., 701 Hampden Ave., St. Paul, Minn.
 Clifton Chemical Co. (Inc.), L. B. Schwartz, Sec., 246 Front St., New York, N. Y.
 Cole, J. W., Co., Jacob W. Cole, Mgr., 82 Smith St., Brooklyn, N. Y.

Connecticut Chemical & Disinfectant Co., E. T. Ahern, Mgr., 683 Chapel St., New Haven, Conn.
 Continental Chemical Corp., D. E. Smalley, Sec., 219 Scott St., Watseka, Ill.
 Davies-Young Soap Co., R. H. Young, V. Pres., Findlay & Big 4 R. R., Dayton, Ohio.
 DuBois Soap Co., T. V. DuBois, Pres., 1120 W. Front St., Cincinnati, Ohio.
 Fair Mfg. Co., M. L. Fair, Pres., 471 Tenn. St., Memphis, Tenn.
 Fergusson Laboratories, E. A. Talcott, Mgr., 17 S. Orianna St., Phila., Pa.
 Ferrite Chemical Co. (Inc.), F. C. Battirtella, Pres., 252 Greenwich St., New York, N. Y.
 Fischer Soap & Oil Co., S. J. Miller, Chem. Eng., Paddock Rd., Cincinnati, Ohio.
 Flash Chemical Co., J. M. Lubit, V. Pres., 160 2d St., Cambridge, Mass.
 Fries & Fries Co., I. M. Krohn, jr., Mgr., 1501 W. 6th St., Cincinnati, Ohio.
 Fry Bros. Co., N. L. Fry, Pres., 105 E. Central Parkway, Cincinnati, Ohio.
 General Soap Co., R. E. Naccari, owner, 149 Calif. St., San Francisco, Calif.
 Gerson-Stewart Corp., F. W. Gerson, Pres., 3528 E. 76th St., Cleveland, Ohio.
 Good, James (Inc.), Jos. Fine, V. Pres., Kensington Sta., Phila., Pa.
 Green Oil Soap Co., W. M. Kelso, Pres., 166 N. Curtis St., Chicago, Ill.
 Harley Soap Co. (Inc.), C. B. Solly, V. Pres., 2832 E. Pacific St., Phila., Pa.

- Harral Soap Co., S. F. Miller, Pres., 463 Greenwich St., New York, N. Y.
 Hayner, Norman Co., N. C. Hayner, Treas., 194 Edinburgh St., Rochester, N. Y.
 Heinzkill, John, Soap Works, J. Heinzkill, jr., sales Mgr., Appleton, Wis.
 Helm Laboratories, J. C. P. Helm, Prop., 705 Tchoupitoulas St., New Orleans, La.
 Hirsh, Leon, & Son, J. A. Miller, Mem. firm, 368 Greenwich St., New York, N. Y.
 Hockwald Chemical Co., L. Hockwald, Mgr., 436 Bryant St., San Francisco, Calif.
 Holman Soap Co., Edw. Holman, Pres., 3104 Fox St., Chicago, Ill.
 Huntington Laboratories (Inc.), J. L. Brenn, Pres., 64 Federal St., Huntington, Ind.
 J. P. S. Chemical Co., B. F. Schultz, Gen. Mgr., 403 E. Shiawassu St., Lansing, Mich.
 Johnson Compound & Supply Co., A. Wright, Pres., 8 Furnace St., Rochester, N. Y.
 Kirk, Jas. S., & Co., J. L. Oestmann, Treas., 1232 W. North Ave., Chicago, Ill.
 Kranich Soap Co. (Inc.), H. Kranich, Pres., 54 Richards St., Brooklyn, N. Y.
 Lanair Co., J. A. Millner, Pres., 2639 N. Racine Ave., Chicago, Ill.
 Laurel Soap Mfg. Co., W. H. Bertolet, Pres., Tioga & Thompson Sts., Phila., Pa.
 Lavo Co. of America, L. Rosenberg, Sec., 48 7th St., Milwaukee, Wis.
 Leggod Mfg. Corp., M. Goldner, Treas., 132 22d St., Brooklyn, N. Y.
 Lewis, Samuel, Miss Loretta Engel, Sec., 73 Barclay St., New York, N. Y.
 Lilly, Eli, & Co., G. L. Sparks, Dir. Merch. Dept., 340 S. Alabama St., Indianapolis, Ind.
 Massachusetts Sales Service, A. Champagne, Mgr., 4 Spring St., Lowell, Mass.
 Masury-Young Co., W. R. Hills, Pres., 76 Roland St., Boston, Mass.
 Midland Chemical Laboratories (Inc.), L. O. Hilliard, Pres., 220 Jones St., Dubuque, Iowa.
 Minnesota Chemical Co. (Inc.), R. P. Baker, Pres., 2297 Wycliff St., St. Paul, Minn.
 Mitchell Wing Co., W. E. Philbrick, Treas., 109 Broad St., Boston, Mass.
 National Soap Co., E. Westwood, Sales Mgr., 357 S. 25th St., Tacoma, Wash.
 Newell Gutrad Co., A. Haas, Pres., 350 Fremont St., San Francisco, Calif.
 North Coast Chemical & Soap Works, F. J. Zorn, Pres., 6307 17th Ave., S., Seattle, Wash.
 Northwest Chemical Co. (Inc.), F. A. Bronson, V. Pres., 728 E. Sprague St., Spokane, Wash.
 Overton-Hygienic Mfg. Co., W. Roane, Gen. Mgr., State & 36th Sts., Chicago, Ill.
 Peck's Products Co., E. P. Peck, Pres., 5224 N. 2nd St., St. Louis, Mo.
 Phoenix Oil Co., M. J. Murphy, Sec., 2554 W. 5th St., S. W., Cleveland, Ohio.
 Pino Lyptol Chemical Co., A. Luckler, jr., Treas., 42 12th St., Long Island City, N. Y.
 Poland Soap Works, C. D. Poland, Pres., Anniston, Ala.
 Pure Oil Co., C. B. Watson, V. Pres., 35 E. Wacker Drive, Chicago, Ill.
 Purity Soap Co., J. C. Hipp, Pres., 100 Humboldt Ave., N., Minneapolis, Minn.
 Pyramid Co., L. P. Schmit, Mgr., 2694 University Ave., St. Paul, Minn.
 Richards, G. Whitfield, M. E. Deni, Sec., 1732 Carlton St., Phila., Pa.
 Riverside Chemical Co., G. A. Rasch, V. Pres., 1194 Oliver St., N. Tonawanda, N. Y.
 Robertson, J. T., Co. (Inc.), H. W. Kingsburg, V. Pres., 147 Richmond Ave., Syracuse, N. Y.
 Robertson, Theo. B., Products Co. (Inc.), T. B. Robertson, Pres., 700 W. Division St., Chicago, Ill.
 Rochester Germicide Co. (Inc.), D. N. Calkins, Treas., Dowling Pl., Rochester, N. Y.
 Rogers, R. R., Chemical Co., R. R. Rogers, owner, 527 Commercial St., San Francisco, Calif.
 Savoy Drug & Chemical Co., J. R. Kaca, Sec., 16 S. Peoria St., Chicago, Ill.
 Schaeffer Bros. & Powell Mfg. Co., B. Nichols, Mgr., 102 Barton St., St. Louis, Mo.
 Scientific Mfg. Co. (Inc.), H. J. Force, Pres., 426 Prescott Ave., Scranton, Pa.
 Sonneborn, L., Sons (Inc.), R. G. Sonneborn, Sec., 114 5th Ave., New York, N. Y.
 Standard Chemical Co. (Inc.), E. C. Brock, Pres., 213 Jackson St., Houston, Tex.
 Stanley, J. T. Co. (Inc.), F. A. Cook, sales Mgr., 642 W. 30th St., New York, N. Y.
 Stevens Grease & Oil Co., F. F. Taylor, V. Pres., E. 79th & Bessemer Ave., Cleveland, Ohio.
 Stock, G. B., Xylite Grease & Oil Co., F. A. Halsted, Sec., Box 164, Port Huron, Mich.
 United Chemical Co., M. S. Baptiste, Sec., 401 Delaware St., Kansas City, Mo.
 United States Chemical Co., V. W. Mider, Gen. Mgr., Greenville, Ohio.
 United States Sanitary Specialties Corp., L. Koppelman, Sec., 435 S. Western Ave., Chicago, Ill.
 Uno Mfg. Co., A. H. Barnett, Ch. Chem., 469 E. Ohio St., Chicago, Ill.
 Watkins, J. R., Co., R. H. Watkins, Asst. Sec., 150 Liberty St., Winona, Minn.
 Waverly Oil Works, Co., D. W. Hovey, V. Pres., 54th St. & A. V. R. R., Pittsburgh, Pa.
 West Disinfecting Co., J. R. Oppenheimer, Sec., 16 Barn St., Long Island City, N. Y.
 Western Meat Co., C. W. Reece, Sec., South San Francisco, Calif.
 Western Soap & Chemical Co., F. E. Blum, Treas., 4726 Loma Vista Ave., Los Angeles, Calif.
 Williams, G. L., Co., G. L. Williams, Pres., 5700 Train Ave., Cleveland, Ohio.

Spec. 28, SOAP POWDER

- Alpha Chemical Co. (Inc.), Mark Sunstrom, Pres., 129 W. Barre St., Balto., Md.
 American Soap & Washoline Co., J. E. Graham, Treas., 140 Central Ave., Cohoes, N. Y.
 Armour & Co., M. L. Sheely, Ch. Chem., 1355 W. 31st St., Chicago, Ill.
 Beach Soap Co., W. E. Philbrick, Treas., Lawrence & Maple Sts., Lawrence, Mass.
 Britt, T. H., Ammonia Co., C. M. Sommers, Treas., 282 Oregon St., Milwaukee, Wis.
 Central Soap Co., J. T. Kenny, Pres., 701 Hampden Ave., St. Paul, Minn.
 Cudahy Packing Co., D. M. Hoffman, Mgr. Gilson Dept., 111 W. Monroe St., Chicago, Ill.
 Daland & Co. (Inc.), H. F. MacGrotty, Sec., 260 W. Broadway, New York, N. Y.
 DuBois Soap Co., T. V. DuBois, Pres., 1120 W. Front St., Cincinnati, Ohio.
 Eavenson, J., & Sons (Inc.), I. Katz, Gen. Mgr., Del. Ave. & Penn. St., Camden, N. J.

- Elkonite Products Co., L. C. Brinkmeyer, Mgr., 2357 Foot Hill Blvd., Oakland, Calif.
- Empire Soap Co., H. F. MacGrotty, Sec., 260 W. Broadway, New York, N. Y.
- Fels & Co., S. S. Fels, Pres., 73d St. & Woodland Ave., Phila., Pa.
- Fergusson Laboratories, E. A. Talcott, Mgr., 17 S. Orianna St., Phila., Pa.
- Finnell System (Inc.), W. S. Finnell, Pres., 500 East St., Elkhart, Ind.
- Flash Chemical Co., J. M. Lubit, V. Pres., 160 2d St., Cambridge, Mass.
- Fry Bros. Co., N. L. Fry, Pres., 105 E. Central Parkway, Cincinnati, Ohio.
- General Soap Co., R. E. Naccari, owner, 149 Calif. St., San Francisco, Calif.
- Gold Dust Corp., J. J. Smyth, Asst. Sec., 44 Beaver St., New York, N. Y.
- Green Oil Soap Co., W. M. Kelso, Pres., 166 N. Curtis St., Chicago, Ill.
- Harral Soap Co., S. F. Miller, Pres., 463 Greenwich St., New York, N. Y.
- Hercules Kalon Co. (Inc.), L. Mills, Treas., 25 Lewis Wharf, Boston, Mass.
- Hockwald Chemical Co., L. Hockwald, Mgr., 436 Bryant St., San Francisco, Calif.
- Hunnewell Soap Co., W. A. Webb, Pres., 114 W. 2d St., Cincinnati, Ohio.
- International Chemical Co., D. J. Benoliel, sales Mgr., 2628 N. Mascher St., Phila., Pa.
- Kemp, Lysander, & Sons (Inc.), H. L. Rice, sales Mgr., 121 Beverly St., Boston, Mass.
- Kendall Mfg. Co., G. R. Fulton, Pres., 90 Friendship St., Providence, R. I.
- King, E. & F., & Co. (Inc.), G. T. King, V. Pres., 405 Atlantic Ave., Boston, Mass.
- Kirk, Jas. S., & Co., J. L. Oestmann, Treas., 1232 W. North Ave., Chicago, Ill.
- Kohnstamm, H., & Co. (Inc.), J. Kohnstamm, Treas., 83 Park Pl., New York, N. Y.
- Larkin Co. (Inc.), Burrows Morey, Mgr. soap Dept., 683 Seneca St., Buffalo, N. Y.
- Lavo Co. of America, L. Rosenberg, Sec., 48 7th St., Milwaukee, Wis.
- Lekko Soap Co., A. G. Rockwell, Pres., 533 S. Franklin St., Chicago, Ill.
- Lewis, Samuel, Miss Loretta Engel, Sec., 73 Barclay St., New York, N. Y.
- Lucy, G. R., & Co., G. D. Lucy, Mem. firm, 101 San Bruno Ave., San Francisco, Calif.
- Marsh, Geo. E., Co., C. F. Mudgett, sales Mgr., 393 Chestnut St., Lynn, Mass.
- Massachusetts Sales Service, Alphonse Champagne, Mgr., 4 Spring St., Lowell, Mass.
- Midland Chemical Laboratories (Inc.), L. O. Hill-yard, Pres., 220 Jones St., Dubuque, Iowa.
- Minnesota Chemical Co. (Inc.), R. P. Baker, Pres., 2297 Wycliff St., St. Paul, Minn.
- Mitchell Wing Co., W. E. Philbrick, Treas., 109 Broad St., Boston, Mass.
- Morris & Co., E. W. Park, sales Mgr., 1355 W. 31st St., Chicago, Ill.
- National Soap Co., E. Westwood, sales Mgr., 357 S. 25th St., Tacoma, Wash.
- Newell Guttradt Co., A. Haas, Pres., 350 Fremont St., San Francisco, Calif.
- North Coast Chemical & Soap Works, F. J. Zorn, Pres., 6307 17th Ave., S., Seattle, Wash.
- Northwest Chemical Co. (Inc.), F. A. Bronson, V. Pres., 728 E. Sprague St., Spokane, Wash.
- Peck's Products Co., E. P. Peck, Pres., 5224 N. 2d St., St. Louis, Mo.
- Pennsylvania Soap Co. of Lancaster, Pa., O. J. Lautz, V. Pres., 628 S. Prince St., Lancaster, Pa.
- Phenix Supply Co. (Inc.), W. P. Ballard, Pres., 362 Nelson St., Atlanta, Ga.
- Pioneer Soap Co. (Inc.), H. I. Bernhard, Sec., 400 15th St., San Francisco, Calif.
- Poland Soap Works, C. D. Poland, Pres., Anniston, Ala.
- Powell, John & Co. (Inc.), John Powell, V. Pres., 12 Water St., New York, N. Y.
- Proctor & Gamble Distributing Co., H. G. French, V. Pres., Gwynne Bldg., Cincinnati, Ohio.
- Purity Soap Co., J. C. Hipp, Pres., 100 Humboldt Ave., N., Minneapolis, Minn.
- Robertson, J. T. Co. (Inc.), H. W. Kingsbury, V. Pres., 147 Richmond Ave., Syracuse, N. Y.
- Robertson, Theo. B., Products Co. (Inc.), Theo. B. Robertson, Pres., 700 W. Division St., Chicago, Ill.
- Royal Lemon Co., J. A. Hanerson, Sec., 1115 University Ave., St. Paul, Minn.
- Stanley, J. T., Co. (Inc.), F. A. Cook, sales Mgr., 642 W. 30th St., New York, N. Y.
- Supreme Soap Co., O. F. Apple, Sec., 2d & Sycamore, Anderson, Ind.
- Swift & Co., W. W. Shuman, Asst. Treas., Union Stock Yards, Chicago, Ill.
- United States Soap Co., W. H. Cordes, Owner, 4433 Chickering Ave., Cincinnati, Ohio.
- Western Soap & Chemical Co., F. E. Blum, Treas., 4726 Loma Vista Ave., Los Angeles, Calif.
- Windsor Soap Co., (Inc.) E. W. Holland, Mgr., 221 Colorado Bldg., Washington, D. C.

Spec. 29, SALT WATER SOAP

- Cole, J. W., Co., Jacob W. Cole, Mgr., 82 Smith St., Brooklyn, N. Y.
- Elkonite Products Co., L. C. Brinkmeyer, Pres., 2357 Foot Hill Blvd., Oakland, Calif.
- Empire Soap Co., H. F. MacGrotty, Sec., 260 W. Broadway, New York, N. Y.
- General Soap Co., R. E. Naccari, owner, 149 California St., San Francisco, Calif.
- Green Oil Soap Co., W. M. Kilso, Pres., 166 N. Curtis St., Chicago, Ill.
- Kutsit Soap Co., F. L. Davis, jr., sales mgr., 425 Bryant St., San Francisco, Calif.
- Lewis, Samuel, Miss Loretta Engel, Sec., 73 Barclay St., New York, N. Y.
- Lucy, G. R., & Co., G. D. Lucy, mem. firm, 101 San Bruno Ave., San Francisco, Calif.
- National Soap Co., E. Westwood, sales mgr., 357 S. 25th St., Tacoma, Wash.
- Newell Guttradt Co., A. Haas, Pres., 350 Fremont St., San Francisco, Calif.
- North Coast Chemical & Soap Works, F. J. Zorn, Pres., 6307 17th Ave., S., Seattle, Wash.
- Peck's Products Co., E. P. Peck, Pres., 5224 N. 2d St., St. Louis, Mo.
- Pioneer Soap Co. (Inc.), H. I. Bernhard, Sec., 400—15th St., San Francisco, Calif.
- Proctor & Gamble Distributing Co., H. G. French, V. Pres., Gwynne Bldg., Cincinnati, Ohio.
- Purity Soap Co., J. C. Hipp, Pres., 100 Humboldt Ave., N., Minneapolis, Minn.
- Robertson, J. T., Co. (Inc.), H. W. Kingsbury, V. Pres., 147 Richmond Ave., Syracuse, N. Y.

- Savoy Drug & Chemical Co., F. Kaea, Sec., 16 S. Peoria St., Chicago, Ill.
 Sayman, T. M., Products Co., L. B. Sayman, Sec., 2117 Franklin Ave., St. Louis, Mo.
 Stanley, John T., Co. (Inc.), F. A. Cook, sales mgr., 642 W. 30th St., New York, N. Y.
- Swift & Co., W. W. Shuman, Asst. Treas., Union Stock Yards, Chicago, Ill.
 United States Sanitary Specialties Corp., L. Koppelman, Sec., 435 S. Western Ave., Chicago, Ill.

Spec. 30, AUTOMOBILE SOAP

- Abbey, R. A., Co., R. A. Abbey, Mgr., 1109 Jackson St., Scranton, Pa.
 Armour & Co., M. L. Sheely, Ch. Chem., 1355 W. 31st St., Chicago, Ill.
 Banner Mfg. Co., D. M. Lemen, Pres., 1810 Blake St., Denver, Colo.
 Baum's Castorine Co., T. C. Mowry, Pres., 200 Matthew St., Rome, N. Y.
 Central Soap Co., J. T. Kenny, Pres., 701 Hampden Ave., St. Paul, Minn.
 Clifton Chemical Co. (Inc.), L. B. Schwarcz, Sec., 246 Front St., New York, N. Y.
 Cole, J. W., Co., Jacob W. Cole, Mgr., 82 Smith St., Brooklyn, N. Y.
 Continental Chemical Corp., D. E. Smalley, Sec., 219 Scott St., Watseka, Ill.
 Cudahy Packing Co., D. M. Hoffinan, Mgr. Gilison Dept., 111 W. Monroe St., Chicago, Ill.
 Davies-Young Soap Co., R. H. Young, V. Pres., Findlay St. & Big 4 R. R., Dayton, Ohio.
 DuBois Soap Co., T. V. DuBois, Pres., 1120 W. Front St., Cincinnati, Ohio.
 Eavenson, J., & Sons (Inc.), I. Katz, Gen. Mgr., Del. Ave. & Penn. St., Camden, N. J.
 Elkonite Products Co., L. C. Brinkmeyer, Pres., 2357 Foot Hill Blvd., Oakland, Calif.
 Empire Soap Co., H. F. MacGrotty, Sec., 260 W. Broadway, New York, N. Y.
 Enterprise Mill Soap Works (Inc.), J. P. McNeill, Sec., 2229 N. 12th Phila., Pa.
 Ferrite Chemical Co. (Inc.), F. C. Battirtella, Pres., 252 Greenwich St., New York, N. Y.
 Fischer Soap & Oil Co., S. J. Miller, Chem. Eng., Paddock Rd., Cincinnati, Ohio.
 General Soap Co., R. E. Naccari, owner, 149 California St., San Francisco, Calif.
 Genseke Bros., G. Genseke, Partner, W. 48th Pl. & Whipple St., Chicago, Ill.
 Gerson-Stewart Corp., J. H. Gerson, Pres., 3528 E. 76th St., Cleveland, Ohio.
 Good, James (Inc.), Jos. Fine, V. Pres., Kensington Sta., Phila., Pa.
 Green Oil Soap Co., W. M. Kelso, Pres., 166 N. Curtis St., Chicago, Ill.
 Harley Soap Co. (Inc.), C. B. Solly, V. Pres., 2832 E. Pacific St., Phila., Pa.
 Harral Soap Co., S. F. Miller, Pres., 463 Greenwich St., New York, N. Y.
 Harris Soap Co., A. O. Harris, Pres., 18 Stetson St., Buffalo, N. Y.
 Heinzkill, John, Soap Works, J. Heinzkill, jr., sales Mgr., Appleton, Wis.
 Helm Laboratories, J. C. P. Helm, Prop., 705 Tchoupitoulas St., New Orleans, La.
 Hercules Halon Co. (Inc.), L. Mills, Treas., 25 Lewis Wharf, Boston, Mass.
 Hirsch, Leon, & Son, Jas. A. Miller, Mem. firm, 368 Greenwich St., New York, N. Y.
 Hockwald Chemical Co., L. Hockwald, Mgr., 436 Bryant St., San Francisco, Calif.
 Hollingshead, R. M., Co., R. M. Bagley, V. Pres., 840 Cooper St., Camden, N. J.
 Hunnewell Soap Co., W. A. Webb, Pres., 114 W. 2d St., Cincinnati, Ohio.
- Huntington Laboratories (Inc.), J. L. Brenn, Pres., 64 Federal St., Huntington, Ind.
 International Chemical Co., D. J. Benoliel, sales Mgr., 2628 N. Mascher St., Phila., Pa.
 Kirk, J. S., & Co., J. L. Oestmann, Treas., 1232 W. North Ave., Chicago, Ill.
 Kranich Soap Co. (Inc.), H. Kranich, Pres., 54 Richards St., Brooklyn, N. Y.
 Larkin Co. (Inc.), Burrows Morey, Mgr. soap Dept., 683 Seneca St., Buffalo, N. Y.
 Laurel Soap Mfg. Co. (Inc.), W. H. Bertolet, Pres., Tioga & Thompson Sts., Phila., Pa.
 Lekko Soap Co., A. G. Rockwell, Pres., 533 S. Franklin St., Chicago, Ill.
 Lewis, Samuel, Miss Loretta Engel, Sec., 73 Barclay St., New York, N. Y.
 Massachusetts Sales Service, Alphonse Champagne, Mgr., 4 Spring St., Lowell, Mass.
 Masury-Young Co., W. R. Hills, Pres., 76 Roland St., Boston, Mass.
 Midland Chemical Laboratories (Inc.), L. O. Hilliard, Pres., 220 Jones St., Dubuque, Iowa.
 Miller, Bonner, & Co., Bonner Miller, Mgr., 1000 N. 22d St., St. Louis, Mo.
 Minnesota Chemical Co. (Inc.), R. P. Baker, Pres., 2297 Wycliff St., St. Paul, Minn.
 Mitchell Wing Co., W. E. Philbrick, Treas., 109 Broad St., Boston, Mass.
 National Soap Co., E. Westwood, Sales Mgr., 357 S. 25th St., Tacoma, Wash.
 Newell Gutrad Co., A. Haas, Pres., 350 Fremont St., San Francisco, Calif.
 North Coast Chemical and Soap Works, F. J. Zorn, Pres., 6307 17th Ave., S., Seattle, Wash.
 Northwest Chemical Co. (Inc.), F. A. Bronson, V. Pres., 728 E. Sprague St., Spokane, Wash.
 Northwestern Chemical Co., F. R. Hall, Pres., State St., Marietta, Ohio.
 Peck's Products Co., E. P. Peck, Pres., 5224 N. 2d St., St. Louis, Mo.
 Phoenix Oil Co., M. J. Murphy, Sec., 2554 W. 5th St., S. W., Cleveland, Ohio.
 Pioneer Soap Co. (Inc.), H. I. Bernhard, Sec., 400 15th St., San Francisco, Calif.
 Poland Soap Works, C. D. Poland, Pres., Anniston, Ala.
 Pure Oil Co., C. B. Watson, V. Pres., 35 E. Wacker Drive, Chicago, Ill.
 Purity Soap Co., J. C. Hipp, Pres., 100 Humboldt Ave., N., Minneapolis, Minn.
 Pyramid Co., L. P. Schmit, Mgr., 2694 University Ave., St. Paul, Minn.
 Richards, G. Whitfield, M. E. Deni, Sec., 1732 Carlton St., Phila., Pa.
 Riverside Chemical Co., G. A. Rasch, V. Pres., 1194 Oliver St., North Tonawanda, N. Y.
 Robertson, Theo. B., Products Co. (Inc.), T. B. Robertson, Pres., 700 W. Division St., Chicago, Ill.
 Schaeffer Bros. & Powell Mfg. Co., B. Nichols, Mgr. & Sec., 102 Barton St., St. Louis, Mo.
 Stanley, John T., Co. (Inc.), F. A. Cook, Sales Mgr., 642 W. 30th St., New York, N. Y.

Stevens Grease & Oil Co., F. F. Taylor, V. Pres., E. 79 & Bessemen Ave., Cleveland, Ohio.
 Stock, G. B., Xylite Grease & Oil Co., F. A. Halsted, Sec.-Treas., Box 164, Port Huron, Mich.
 United States Sanitary Specialties Corp., L. Koppelman, Sec., 435 S. Western Ave., Chicago, Ill.
 Uno Mfg. Co., A. H. Barnett, Ch. Chem., 469 E. Ohio St., Chicago, Ill.

Viscosity Oil Co., W. M. McKay, Sec., 1101 W. 37th St., Chicago, Ill.
 Waverly Oil Works Co., D. W. Hovey, V. Pres., 54th St. & A. V. R. R., Pittsburgh, Pa.
 Williams, Geo. L., G. L. Williams, Pres., 5700 Train Ave., Cleveland, Ohio.

Spec. 31, CHIP SOAP

American Soap & Washoline Co., J. E. Graham, Treas., 140 Central Ave., Cohoes, N. Y.
 Armour & Co., M. L. Sheely, Ch. Chem., 1355 W. 31st St., Chicago, Ill.
 Beach Soap Co., W. E. Philbrick, Treas., Lawrence & Maple Sts., Lawrence, Mass.
 Central Soap Co., J. T. Kenny, Pres., 701 Hampden Ave., St. Paul, Minn.
 Daland & Co. (Inc.), H. F. MacGrotty, Sec., 260 W. Broadway, New York, N. Y.
 DuBois Soap Co., T. V. DuBois, Pres., 1120 W. Front St., Cincinnati, Ohio.
 Eavenson, J., & Sons (Inc.), I. Katz, Gen. Mgr., Del. Ave. & Penn. St., Camden, N. J.
 Empire Soap Co., H. F. MacGrotty, Sec., 260 W. Broadway, New York, N. Y.
 Enterprise Mill Soap Works, (Inc.), J. P. McNeill, Sec., 2229 N. 12th, Phila., Pa.
 Fry Bros. Co., N. L. Fry, Pres., 105 E. Central Parkway, Cincinnati, Ohio.
 General Soap Co., R. E. Naccari, owner, 149 California St., San Francisco, Calif.
 Gill, Thos., Soap Co., R. Provost, Mgr., 711 Kent Ave., Brooklyn, N. Y.
 Green Oil Soap Co., W. M. Kelso, Pres., 166 N. Curtis St., Chicago, Ill.
 Harral Soap Co., S. F. Miller, Pres., 463 Greenwich St., New York, N. Y.
 Harris Soap Co., A. O. Harris, Pres., 18 Stetson St., Buffalo, New York.
 Haskins Bros. & Co., D. Newton, jr., Gen. Mgr., 115 Hickory St., Omaha, Neb.
 Heinzkill, John, Soap Works, J. Heinzkill, jr., sales Mgr., 813 N. College Ave., Appleton, Wis.
 Kemp, Lysander, & Sons (Inc.), H. L. Rice, sales Mgr., 121 Beverly St., Boston, Mass.

Kendall Mfg. Co., G. R. Fulton, Pres., 90 Friendship St., Providence, R. I.
 Kirk, Jas. S. & Co., J. L. Oestmann, Treas., 1232 W. North Ave., Chicago, Ill.
 Kohnstamm, H., & Co. (Inc.), Jos. Kohnstamm, Treas., 83 Park Pl., New York, N. Y.
 Laurel Soap Mfg. Co. (Inc.), W. H. Bertolet, Pres., Tioga & Thompson Sts., Phila., Pa.
 Lewis, Samuel, Miss Loretta Engell, Sec., 73 Barclay St., New York, N. Y.
 Mitchell Wing Co., W. E. Philbrick, Treas., 109 Broad St., Boston, Mass.
 Morris & Co., E. W. Park, sales Mgr., 1355 W. 31st St., Chicago, Ill.
 National Soap Co., E. Westwood, sales Mgr., 357 S. 25th St., Tacoma, Wash.
 North Coast Chemical & Soap Works, F. J. Zorn, Pres., 6307 17th Ave., S., Seattle, Washington.
 Pennsylvania Soap Co. of Lancaster, Pa., O. J. Lautz, V. Pres., 628 S. Prince St., Lancaster, Pa.
 Pioneer Soap Co. (Inc.), H. I. Bernhard, Sec., 400 15th St., San Francisco, Calif.
 Powell, John, & Co. (Inc.), John Powell, V. Pres., 12 Water St., New York, N. Y.
 Proctor & Gamble Distributing Co., H. G. French, V. Pres., Gwynne Bldg., Cincinnati, Ohio.
 Robertson, J. T., Co. (Inc.), H. W. Kingsbury, V. Pres., 147 Richmond Ave., Syracuse, N. Y.
 Stanley, John T. Co. (Inc.), F. A. Cook, sales Mgr., 642 W. 30th St., New York, N. Y.
 Supreme Soap Co., O. F. Apple, Sec., Anderson, Ind.
 United States Soap Co., W. H. Cordes, owner, 4433 Chickering Ave., Cincinnati, Ohio.
 Watkins, J. R., Co., A. H. Watkins, Asst. Sec., 150 Liberty St., Winona, Minn.
 Western Soap & Chemical Co., F. E. Blum, Treas., 4726 Loma Vista Ave., Los Angeles, Calif.

Spec. 32, ORDINARY LAUNDRY SOAP

American Soap & Washoline Co., J. E. Graham, Treas., 140 Central Ave., Cohoes, N. Y.
 Armour & Co., M. L. Sheely, Ch. Chem., 1355 W. 31st St., Chicago, Ill.
 Beach Soap Co., W. E. Philbrick, Treas., Lawrence & Maple Sts., Lawrence, Mass.
 Cudahy Packing Co., M. Hoffinan, Mgr., Gilson Dept., 111 W. Monroe St., Chicago, Ill.
 Daland & Co. (Inc.), H. F. MacGrotty, Sec., 260 W. Broadway, New York, N. Y.
 DuBois Soap Co., T. V. DuBois, Pres., 1120 W. Front St., Cincinnati, Ohio.
 Eavenson, J., & Sons (Inc.), I. Katz, Gen. Mgr., Del. Ave. & Penn. St., Camden, N. J.
 Empire Soap Co., H. F. MacGrotty, Sec., 260 W. Broadway, New York, N. Y.
 Enterprise Mill Soap Works (Inc.), J. P. McNeill, Sec., 2229 N. 12th St., Phila., Pa.
 General Soap Co., R. E. Naccari, owner, 149 Calif. St., San Francisco, Calif.
 Green Oil Soap Co., W. M. Kelso, Pres., 166 N. Curtis St., Chicago, Ill.

Haral Soap Co., S. F. Miller, Pres., 463 Greenwich St., New York, N. Y.
 Haskins Bros. & Co., D. Newton, jr., Gen. Mgr., 115 Hickory St., Omaha, Neb.
 Heinzkill, John, Soap Works, J. Heinzkill, jr., sales Mgr., Appleton, Wis.
 Kemp, Lysander, & Sons (Inc.), H. L. Rice, sales Mgr., 121 Beverly St., Boston, Mass.
 Kendall Mfg. Co., G. R. Fulton, Pres., 90 Friendship St., Providence, R. I.
 Kirk, James S. & Co., J. L. Oestmann, Treas., 1232 W. North Ave., Chicago, Ill.
 Lekko Soap Co., A. G. Rockwell, Pres., 533 S. Franklin St., Chicago, Ill.
 Lewis, Samuel, Miss Loretta Engel, Sec., 73 Barclay St., New York, N. Y.
 Lucy, G. R. & Co., G. D. Lucy, Mem. firm, 101 San Bruno Ave., San Francisco, Calif.
 Marsh, Geo. E., Co., C. F. Mudgett, sales Mgr., 393 Chestnut St., Lynn, Mass.
 Midland Chemical Laboratories (Inc.), L. O. Hilliard, Pres., 220 Jones St., Dubuque, Iowa.

- Mitchell Wing Co., W. E. Philbrick, Treas., 109 Broad St., Boston, Mass.
 Morris & Co., E. W. Park, sales Mgr., 1355 W. 31st St., Chicago, Ill.
 National Soap Co., E. Westwood, sales Mgr., 357 S. 25th St., Tacoma, Wash.
 Newell Gutrad Co., A. Hass, Pres., 350 Fremont St., San Francisco, Calif.
 North Coast Chemical & Soap Works, F. J. Zorn, Pres., 6307 17th Ave., S., Seattle, Wash.
 Peck's Products Co., E. P. Peck, Pres. 5224 N. 2d St., St. Louis, Mo.
 Pennsylvania Soap Co. of Lancaster, Pa., O. J. Lautz, V. Pres., 628 S. Prince St., Lancaster, Pa.
 Pioneer Soap Co. (Inc.), H. I. Bernhard, Sec., 400 15th St., San Francisco, Calif.
 Procter & Gamble Distributing Co., H. G. French, V. Pres., Gwynne Bldg., Cincinnati, Ohio.
 Purity Soap Co., J. C. Hipp, Pres., 100 Humboldt Ave., N., Minneapolis, Minn.
 Stanley, John T., Co. (Inc.), F. A. Cook, sales Mgr., 642 W. 30th St., New York, N. Y.
 Supreme Soap Co., O. F. Apple, Sec., 2d & Sycamore Sts., Anderson, Ind.
 Swift & Co., W. W. Shuman, Asst. Treas., Union Stock Yards, Chicago, Ill.

Spec. 33a, GRIT CAKE SOAP

- Day & Frick, H. D. Day, Pres., 1760 Howard St., Phila., Pa.
 DuBois Soap Co., T. V. DuBois, Pres., 1120 W. Front St., Cincinnati, Ohio.
 Elkonite Products Co., L. C. Brinkmeyer, Pres., 2357 Foot Hill Blvd., Oakland, Calif.
 Harral Soap Co., S. F. Miller, Pres., 463 Greenwich St., New York, N. Y.
 Hunnewell Soap Co., W. A. Webb, Pres., 114 W. 2d St., Cincinnati, Ohio.
 Huntington Laboratories (Inc.), J. L. Brenn, Pres., 64 Federal St., Huntington, Ind.
 J. P. S. Chemical Co., B. F. Schultz, Gen. Mgr., E. Shiawassu St., Lansing, Mich.
 Lucy, G. R., & Co., G. D. Lucy, Mem. firm, 101 San Bruno Ave., San Francisco, Calif.
 Massachusetts Sales Service, Alphonse Champagne, Mgr., 4 Spring St., Lowell, Mass.
 Mitchell Wing Co., W. E. Philbrick, Treas., 109 Broad St., Boston, Mass.
 Morgan's, Enoch, Sons Co., J. W. Morgan, Pres., 439 West St., New York, N. Y. (Type B only.)
 Newell Gutrad Co., A. Haas, Pres., 350 Fremont St., San Francisco, Calif.
 Peck's Products Co., E. P. Peck, Pres., 5224 N. 2d St., St. Louis, Mo.
 Pioneer Soap Co. (Inc.) H. I. Bernhard, Sec. 400 15th St., San Francisco Calif.
 Purity Soap Co., J. C. Hipp, Pres., 100 Humboldt Ave., N., Minneapolis, Minn.
 Stanley, John T. Co. (Inc.), F. A. Cook, sales Mgr., 642 W. 30th St., New York, N. Y.
 United States Soap Co., W. H. Cordes, owner 4433 Chickering Ave., Cincinnati, Ohio.

Spec. 34a, SCOURING POWDER FOR FLOORS

- Abbey, R. A., Co., R. A. Abbey, Mgr., 1109 Jackson St., Scranton, Pa.
 Alpha Chemical Co. (Inc.), Mark Sunstrom, Pres., 129 W. Barre St., Balto., Md.
 American Soap & Washoline Co., J. E. Graham, Treas., 140 Central Ave., Cohoes, N. Y.
 American Tripoli Co., G. V. Levings, V. Pres., Box 86, Seneca, Mo.
 Armour & Co., M. L. Sheely, Ch. Chem., 1355 W. 31st, Chicago, Ill. (Type B only.)
 Babbitt, B. T. (Inc.), A. N. Mendleson, Asst. Treas., 15 W. 34th St., New York, N. Y. (Types A and B only.)
 Bird-Archer Co., W. E. Ridenour, V. Pres., 4337 N. American St., Phila., Pa.
 Blue Seal Chemical Co., S. G. Tretzler, Pres., 126 Locust St., Roselle, N. J.
 Britt, T. H., Ammonia Co., C. M. Sommers, Treas., 282 Oregon St., Milwaukee, Wis.
 Central Soap Co., H. P. Anderson, Sec., 701 Hampden Ave., St. Paul, Minn.
 Coleman, H. H., Soap Co., H. H. Coleman, 1492 Arcade Bldg., St. Louis, Mo.
 Colloidal Products Co. (Inc.), J. P. Keem, Sec., Haynes & Warner Sts., Balto., Md.
 Connecticut Chemical & Disinfectant Co., E. T. Ahern, Mgr., 683 Chapel St., New Haven, Conn.
 Continental Chemical Corp., D. E. Smalley, Sec., 219 Scott St., Waukegan, Ill.
 DuBois Soap Co., T. V. DuBois, Pres., 1120 W. Front St., Cincinnati, Ohio.
 Elkonite Products Co., L. C. Brinkmeyer, Pres., 2357 Foot Hill Blvd., Oakland, Calif.
 Enterprise Mill Soap Works (Inc.), J. P. McNeill, Sec., 2229 N. 12th St., Phila., Pa.
 Fergusson Laboratories, E. A. Talcott, Mgr., 17 S. Orianna St., Phila., Pa.
 Ferrite Chemical Co. (Inc.), F. C. Badirtella, Pres., 252 Greenwich St., New York, N. Y.
 Finnell System (Inc.), W. S. Finnell, Pres., 500 East St., Elkhart, Ind.
 Flash Chemical Co., J. M. Lubit, V. Pres., 160 2d St., Cambridge, Mass.
 General Soap Co., R. E. Naccari, owner, 149 Calif. St., San Francisco, Calif.
 Gerson-Stewart Corp., J. H. Gerson, Pres., 3528 E. 76th St., Cleveland, Ohio.
 Green Oil Soap Co., W. M. Kelso, Pres., 166 N. Curtis St., Chicago, Ill.
 Harral Soap Co., S. F. Miller, Pres., 463 Greenwich St., New York, N. Y.
 Hayner, N. C., Co., N. C. Hayner, Treas., 194 Edinburgh St., Rochester, N. Y.
 Heinzkill, John, Soap Works, J. Heinzkill, jr., sales Mgr., Appleton, Wis.
 Helm Laboratories, J. C. P. Helm, Prop., 705 Tchoupitoulas St., New Orleans, La.
 Hercules Kalon Co. (Inc.), L. Mills, Treas., 25 Lewis Wharf, Boston, Mass.
 Hockwald Chemical Co., L. Hockwald, Mgr., 436 Bryant St., San Francisco, Calif.
 Hunnewell Soap Co., W. A. Webb, Pres., 114 W. 2d St., Cincinnati, Ohio.
 Huntington Laboratories (Inc.), J. L. Breen, Pres., 64 Federal St., Huntington, Ind.
 Imperial Metal Polish Co. (Inc.), P. Halpern, Pres., Hedley St. nr. Richmond St., Phila., Pa.
 International Chemical Co., S. D. Benoliel, Gen. Mgr., 2628 N. Mascher St., Phila., Pa.
 J. P. S. Chemical Co., B. F. Schultz, Gen. Mgr., E. Shiawassu St., Lansing, Mich.

- Kendall Mfg. Co., G. R. Fulton, Pres., 90 Friendship St., Providence, R. I.
 King, E. & F., & Co. (Inc.), G. T. King, V. Pres., 405 Atlantic Ave., Boston, Mass.
 Kohnstamm, H., & Co. (Inc.), Jos. Kohnstamm, Treas., 83 Park Pl., New York, N. Y.
 Kutsit Soap Co., F. L. Davis, jr., sales Mgr., 425 Bryant St., San Francisco, Calif.
 Larkin Co. (Inc.), Burrows Morey, Mgr., Soap Dept., 683 Seneca St., Buffalo, N. Y.
 Laurel Soap Mfg. Co. (Inc.), W. H. Bertolet, Pres., Tioga & Thompson Sts., Phila., Pa.
 Lavo Co. of America, L. Rosenberg, Sec., 48 7th St., Milwaukee, Wis.
 Lekko Soap Co., A. G. Rockwell, Pres., 533 S. Franklin St., Chicago, Ill.
 Massachusetts Sales Service, A. Champagne, Mgr., 4 Spring St., Lowell, Mass.
 Midland Chemical Laboratories (Inc.), L. O. Hilliard, Pres., 220 Jones St., Dubuque, Iowa.
 Minnesota Chemical Co. (Inc.), R. P. Baker, Pres., 2297 Wycliff St., St. Paul, Minn.
 Mitchell Wing Co., W. E. Philbrick, Treas., 109 Board St., Boston, Mass.
 Morgan's Enoch, Sons Co., J. W. Morgan, Pres., 439 West St., New York, N. Y. (Type C only.)
 National Soap Co., E. Westwood, sales Mgr., 357 S. 25th St., Tacoma, Wash.
 Newell Guttradt Co., A. Haas, Pres., 350 Fremont St., San Francisco, Calif.
 North Coast Chemical & Soap Works, F. J. Zorn, Pres., 6307 17th Ave. S., Seattle, Wash.
 Northwest Chemical Co. (Inc.), F. A. Bronson, V. Pres., 728 E. Sprague St., Spokane, Wash.
 Peck's Products Co., E. P. Peck, Pres., 5224 N. 2d St., St. Louis, Mo.
 Pioneer Soap Co. (Inc.), H. I. Bernhard, Sec., 400—15th St., San Francisco, Calif.
 Poland Soap Works, C. D. Poland, Pres., Anniston, Ala. (Type B only.)
 Purity Soap Co., J. C. Hipp, Pres., 100 Humboldt Ave., N., Minneapolis, Minn.
 Robertson, Theo. B. Products Co. (Inc.), Theo. B. Robertson, Pres., 700 W. Division St., Chicago, Ill.
 Royal Lemon Co., N. A. Hanerson, Sec., 1115 University Ave., St. Paul, Minn.
 Savogran Co., C. K. Stodder, Pres., 28 India Wharf, Boston, Mass. (Types B & C only.)
 Scientific Mfg. Co. (Inc.), H. J. Force, Pres., 426 Prescott Ave., Scranton, Pa.
 Stanley, J. T. Co. (Inc.), F. A. Cook, sales Mgr., 642 W. 30th St., New York, N. Y.
 Stevens Grease & Oil Co., F. F. Taylor, V. Pres., E. 79th & Bessemer Ave., Cleveland, Ohio.
 Swift & Co., W. W. Shuman, Asst. Treas., Union Stock Yards, Chicago, Ill.
 United Chemical Co., M. S. Baptiste, Sec., 401 Del. St., Kansas City, Mo.
 United States Chemical Co., V. W. Mider, Gen. Mgr., Greenville, Ohio.
 United States Feldspar Corp., C. H. Peddrick, jr., Pres., Cranberry Creek (Fulton County), N. Y.
 United States Soap Co., W. H. Cordes, owner, 4433 Chickering Ave., Cincinnati, Ohio.
 Watkins, J. R., Co., R. H. Watkins, Asst. Sec., 150 Liberty St., Winona, Minn.
 Western Soap & Chemical Co., F. E. Blum, Treas., 4726 Loma Vista Ave., Los Angeles, Calif.

Spec. 35, HAND GRIT SOAP

- Banner Mfg. Co., D. M. Lemen, Pres., 1810 Blake St., Denver, Colo.
 Davies-Young Soap Co., R. H. Young, V. Pres., Findlay St., & Big 4 R. R., Dayton, Ohio.
 Elktonite Products Co., L. C. Brinkmeyer, Pres., 2357 Foot Hill Blvd., Oakland, Calif.
 Gerson-Stewart Corp., J. H. Gerson, Pres., 3528 E. 76th St., Cleveland, Ohio.
 Green Oil Soap Co., W. M. Kelso, Pres., 166 N. Curtis St., Chicago, Ill.
 Harley Soap Co. (Inc.), C. B. Solly, V. Pres., 2832 E. Pacific St., Phila., Pa.
 Haskins Bros. & Co., D. Newton, jr., Gen. Mgr., 115 Hickory St., Omaha, Neb.
 Hirsh, Leon, & Son, J. A. Miller, Mem. firm, 368 Greenwich St., New York, N. Y.
 Hockwald Chemical Co., L. Hockwald, Mgr., 436 Bryant St., San Francisco, Calif.
 Hollingshead, R. M. Co., R. M. Bagley, V. Pres., 840 Cooper St., Camden, N. J.
 Huntington Laboratories (Inc.), J. L. Brenn, Pres., 64 Federal St., Huntington, Ind.
 Imperial Metal Polish Co. (Inc.), P. Halpern, Pres., Hedley St. east of Richmond St., Phila., Pa.
 Jergens, Andrew, Co., Wm. Roth, Asst. Gen. Mgr., Spring Grove & Alfred Sts., Cincinnati, Ohio.
 Kutsit Soap Co., F. L. Davis, jr., sales Mgr., 425 Bryant St., San Francisco, Calif.
 Lewis, Samuel, Miss Loretta Engel, Sec., 73 Barclay St., New York, N. Y.
 Lucy, G. R., & Co., G. D. Lucy, Mem. firm, 101 San Bruno Ave., San Francisco, Calif.
 Massachusetts Sales Service, A. Champagne, Mgr., 4 Spring St., Lowell, Mass.
 Mione Mfg. Co., E. E. Larry, Pres., Collingsdale, Pa., P. O. Darby, Pa.
 Mitchell Wing Co., W. E. Philbrick, Treas., 109 Broad St., Boston, Mass.
 Newell Guttradt Co., A. Haas, Pres., 350 Fremont St., San Francisco, Calif.
 North Coast Chemical & Soap Works, F. J. Zorn, Pres., 6307 17th Ave. S., Seattle, Wash.
 Northwestern Chemical Co., F. R. Hall, Pres., State St., Marietta, Ohio.
 Peck's Products Co., E. P. Peck, Pres., 5224 N. 2d St., St. Louis, Mo.
 Pennsylvania Soap Co. of Lancaster, Pa., O. J. Lautz, V. Pres., 628 S. Prince St., Lancaster, Pa.
 Pioneer Soap Co. (Inc.), H. I. Bernhard, Sec., 400 15th St., San Francisco, Calif.
 Robertson, J. T. Co. (Inc.), H. W. Kingsbury, V. Pres., 147 Richmond Ave., Syracuse, N. Y.
 Stanley, J. T. Co. (Inc.), F. A. Cook, sales Mgr., 642 W. 30th St., New York, N. Y.
 Stock, G. B. Xylite Grease & Oil Co., L. A. Halsted, Sec., Box 164, Port Huron, Mich.
 Uno Mfg. Co., A. H. Barnett, Ch. Chem., 469 E. Ohio St., Chicago, Ill.

Spec. 36a, FIRE EXTINGUISHING LIQUID (CARBON TETRACHLORIDE BASE)

- American La France Fire Engine Co., Hugh Logan, Mgr. sundry sales, Marion & S. Jane Sts., Long Island City, N. Y.
- Apothecaries Hall Co., J. J. O'Keefe, Supt., 12 Benedict St., Waterbury, Conn.
- Badger Fire Extinguishing Co., A. C. Badger, Pres., 31 St. James Ave., Boston, Mass.
- Baker, J. T., Chemical Co., H. H. Garis, Pres., N. Broad St., Phillipsburg, N. J.
- Buffalo Fire Appliance Corp., D. Meidel, sundry sales Mgr., 44 Central Ave., Buffalo, N. Y.
- Castle, Jas. M. (Inc.), E. C. Moore, Treas., 1718 Vine St., Phila., Pa.
- Columbia Fire Extinguisher Co., G. H. Downing, Prop., 174 Centre St., New York, N. Y.
- Cross, C. J., Mfg. Co., C. J. Cross, Pres., 149 Church St., New York, N. Y.
- Fire Fighting Devices Co., G. T. Pearsons, owner, 70 5th Ave., New York, N. Y.
- Foamite-Childs Corp., J. C. Hegeman, Ch. clerk, sales Dept., Utica, N. Y.
- Fyr-Fyter Co., H. C. Iddings, Pres., 221 Crane St., Dayton, Ohio.
- Gaylord Mfg. Co., L. J. Schlitzer, Sec., 40 Hamilton St., Paterson, N. J.
- General Mfg. Co., A. C. Ausorge, Sec., 1801 Pine St., St. Louis, Mo.
- Good, Jas. (Inc.), T. F. Meehan, Pres., 2111 E. Susquehanna Ave., Phila., Pa.
- Griffiths Co., K. F. (Inc.), K. F. Griffiths, jr., Pres., 110 E. 42d St., New York, N. Y.
- Harker Mfg. Co., W. E. Scallan, Mgr., 121 W. 3d St., Cincinnati, Ohio.
- King, E. & F. Co. (Inc.), H. D. Cleaves, sales Mgr., 399 Atlantic Ave., Boston, Mass.
- Linder & Meyer, J. F. Linder, jr., partner, 89 State St., Boston, Mass.
- National Fire Protection Co., F. L. Boyd, Treas., 1617 Sansom St., Phila., Pa.
- Niagara Smelting Corp., C. D. Muggleton, Gen. Mgr., Niagara Falls, N. Y.
- Pacific Fire Extinguisher Co., L. B. Kriegen, Gen. Mgr., 440 Howard St., San Francisco, Calif.
- Phister Mfg. Co., B. H. Phister, Pres., 901 Broadway, Cincinnati, Ohio.
- Pioneer Chemical Co. of Ithaca, J. F. McKinney, Mgr. sales, Ithaca, Mich.
- Pyrene Mfg. Co., E. A. Clapp, Sec., 560 Belmont Ave., Newark, N. J.
- Robinson Fire Apparatus Mfg. Co., R. L. Heydt, Sec., 4250 N. 20th St., St. Louis, Mo.
- Roessler & Hasslacher Chemical Co., P. S. Rigney, Asst. Sec., 709 6th Ave., New York, N. Y. (Selling agents for Niagara Smelting Corp., Niagara Falls, N. Y.)
- Snyder, M. L., & Son, H. A. Greene, Pres., 223 Church St., Phila., Pa.
- Van Kirk Co., G. V. Van Kirk, Gen. Mgr., 194 S. Washington St., Wilkes-Barre, Pa.
- Warner Chemical Co., J. A. Chin, sales Mgr., 415 Lexington Ave., New York, N. Y.
- Westvaco Chlorine Products (Inc.), Q. M. Peters, Res. Mgr., S. Charleston, W. Va.

Spec. 37, LEATHER BELTING (VEGETABLE TANNED)

- Alexander Bros. (Inc.), Robt. Momdell, jr., Pres., 14 South St., Phila., Pa.
- Alexander, E. P. & Son (Inc.), J. Alexander, Pres., 3rd & Huntingdon Sts., Phila., Pa.
- Allen, W. D., Mfg. Co., E. H. Pease, Treas., 566 W. Lake St., Chicago, Ill.
- Baltimore Belting Co., C. Albert Haugh, V. Pres., 25 S. Gay St., Balto., Md.
- Bonner & Barnwell (Inc.), P. R. Bonner, Pres., 440 Lafayette St., New York, N. Y.
- Buckeye Belting & Supply Co., J. W. Smith, Pres., 135 St. Clair Ave., N. E., Cleveland, Ohio.
- Capen Belting & Rubber Co., J. J. Tierney, Sec., 1402 Chestnut St. St. Louis, Mo.
- Chicago Belting Co., E. H. Ball, Pres., 113 N. Green St., Chicago, Ill.
- Chicago Rawhide Mfg. Co., S. E. Ullman, Treas., 1301 Elston Ave., Chicago, Ill.
- Colonial Leather Co., M. J. Wilby, receiver, Trenton Ave. & Somerset St., Phila., Pa.
- Cook, H. N., Belting Co., M. N. Cook, Pres., 401 Howard St., San Francisco, Calif.
- Cornell Belting Co., A. J. Hazle, Pres., 162 W. Austin Ave., Chicago, Ill.
- Couse & Bolton (Inc.), S. J. Dannhusit, Pres., 42 Lafayette St., Newark, N. J.
- Cross Bros. Co. (Inc.), W. H. Cross, Treas., 112 Mill St., Rochester, N. Y.
- Detroit Oak Belting Co., E. A. Ludden, Sec., 3362 Wight St., Detroit, Mich.
- Dreyer Belting Co., H. Dreyer, Pres., 3301 N. Broadway, St. Louis, Mo.
- Druid Oak Belting Co. (Inc.), H. C. Staley, V. Pres., 111 E. Lombard St., Balto., Md.
- Eagle Counter & Leather Co., J. H. Holmes, Asst. Sec., Freeman & Hulbert Aves., Cincinnati, Ohio.
- Glenn Ambler Co., H. D. Glenn, Sec., 5018 Beaumont Ave., Phila., Pa.
- Grand Rapids Belting Co., F. R. May, Mgr., 1 Ionia Ave., Grand Rapids, Mich.
- Graton & Knight Co., F. H. Willard, Pres., 356 Franklin St., Worcester, Mass.
- Greenville Belting Co. (Inc.), J. C. Harper, Mgr., 552½ S. Main St., Greenville, S. C.
- Hartley Rose Belting Co., W. A. Nicholson, Pres., 425 First Ave., Pittsburgh, Pa.
- Hide Leather & Belting Co., A. G. Snider, Pres., 227 S. Meridian St., Indianapolis, Ind.
- Himmelein & Bailey (Inc.), W. G. Oaks, Sec., 246 Chestnut St., Phila., Pa.
- Hudson Belting Co., R. N. Blakeslee, jr., Treas., 79 Beacon St., Worcester, Mass.
- Jewell Belting Co., H. E. Hitchcock, Asst. Sec., Hartford, Conn.
- Johnson Belting Co., M. Kaufman, Sec., 423 E. 56th St., New York, N. Y.
- Kelley Linehan Belting Co., F. G. Warner, Act. Mgr., 667 Howard St., San Francisco, Calif.
- Ladew, Edw. R. Co. (Inc.), P. D. Betterley, Asst. Treas., 29 Murray St., New York, N. Y.
- Laurence Belting Co. (Inc.), M. G. Mulhern, sales Mgr., 111 Chambers St., New York, N. Y.
- McLean Mfg. Corp., A. P. Morris, Sec., 30 Sullivan St., New York, N. Y.
- Milwaukee Leather Belting Co., H. W. Craft, Pres., 87 E. Clybourn St., Milwaukee, Wis.
- Missouri Belting Co., C. Kraus, Sec., 1021 S. Grand Blvd., St. Louis, Mo.
- Moloney Belting Co., C. A. Banks, Pres., 1291 Elston Ave., Chicago, Ill.
- Narragansett Belting Co., W. C. Murphy, Treas., 68 W. Exchange St., Providence, R. I.

- National Leather Belting Co., N. Fried, Pres., 423 E. 56th St., New York, N. Y.
 New York Leather Belting Co., F. E. Booth, V. Pres., 33 Warren St., New York, N. Y.
 Norwich Belting Mfg. Co. (Inc.), W. H. Gallups, Asst. to Pres., Norwich, Conn.
 Page Belting Co., C. N. Hall, Sec., E. Penacook St., Concord, N. H.
 Palmer, N., Belting Co., R. Hargraves, Sec., 571 Iranistan Ave., Bridgeport, Conn.
 Philadelphia Belting Co., H. Perpall, Mem. firm, 6th & Spring Garden, Phila., Pa.
 Plant Co., A. R. Jewett, Treas., 318 1st Ave., N. Minneapolis, Minn.
 Rahmann, Geo., & Co., A. H. Rahmann, Prop., 31 Spruce St., New York, N. Y.
 Raniville, F., Co., F. F. Raniville, Pres., 241 Pearl St., N. W., Grand Rapids, Mich.
 Regal Belting Co., F. C. Davis, Pres., 2520 Spring Grove Ave., Cincinnati, Ohio.
 Rhoads, J. E., & Sons, J. E. Rhoads, Mem. firm, 35 N. 6th St., Phila., Pa.
 Salisbury, W. H., & Co., T. R. Claffey, sales Mgr., 308 W. Madison St., Chicago, Ill.
 Schleren, Chas. A., Co., R. C. Moore, Sec., 30 Ferry St., New York, N. Y.
 Schwartz Belting Co., D. D. Schwartz, Sec., 76 Murray St., New York, N. Y.
 Seattle Belting & Supply Co., J. M. Chappel, Mgr., 214 Occidental Ave., Seattle, Wash.
 Semmelmeyer Belting Co., J. A. Semmelmeyer, Pres., 720 N. 2d St., St. Louis, Mo.
 Shultz Belting Co., C. A. Bartleth, Tres., 4th & Barton Sts., St. Louis, Mo.
 Smyth—Despard Co., S. A. Beardsley, jr., Sec., 800 Broad St., Utica, N. Y.
 Toxaway Tanning Co., J. S. Silversteen, V. Pres., Rosman, N. C.
 Troy Belting & Supply Co., W. D. Lessels, V. Pres., 6 Grand St., Troy, N. Y.
 Ulmer Leather Co., L. H. Cochran, V. Pres., Norwich, Conn.
 Union Belt Co., R. N. Rathaway, Treas., 66 Troy St., Fall River, Mass.
 Van Riper Mfg. Co., W. I. Van Riper, Pres., 14 Van Houten St., Paterson, N. J.
 Virginia Leather Co., C. E. Patch, Sec., 2210 McDonough St., Richmond, Va.
 Warren Belting Co., W. A. Place, Pres., 33 Arctic St., Worcester, Mass.
 Webb Belting Co., Ira C. Brown, Pres., 1507 W. 12th St., Kansas City, Mo.
 West Coast Tanning Co., A. A. Cherveny, Pres., 892 Tenino Ave., Portland, Oreg.
 Western Belting & Packing Co., F. W. Wells, Pres., 1720 Wazee St., Denver, Colo.
 Whiting Leather & Belting Co. (Inc.), R. E. Taylor, Sec., 500 Jackson Ave., Long Island City, N. Y.
 Williams, I. B., & Sons, S. L. Hanson, Treas., Dover, N. H.

Spec. 52a, WOOD SCREWS

- American Screw Co., George W. Thurston, Vice Pres., 21 Stevens St., Providence, R. I.
 Atlantic Screw Works (Inc.), S. M. Monks, Asst. Sec., 85 Charter Oak Ave., Hartford, Conn.
 Bridgeport Screw Co., D. J. Flannery, Sec., Williston St., Bridgeport, Conn.
 Champion Mfg. Co., Chas. P. Dearbaugh, Pres., 7332 Kimbark Ave., Chicago, Ill.
 Continental Wood Screw Co., D. O. Davis, sales Mgr., Mt. Pleasant St., New Bedford, Mass.
 Corbin Screw Corp., John S. Black, Gen. Supt., High and Myrtle Sts., New Britain, Conn.
 Eagle Lock Co., O. B. Hough, Treas., 26 Warren St., New York, N. Y.
 Elco Tool & Screw Corp., Paul G. Swanson, Treas., 14th Ave. & 13th St., Rockford, Ill.
 National Lock Co., I. J. Mallon, Vice Pres., 18th Ave. & 7th St., Rockford, Ill.
 National Screw & Mfg. Co., C. R. Elliott, Asst. Sec., 2440 E. 75th St., Cleveland, Ohio.
 Reading Screw Co., W. C. High, Asst. Treas., Main & Gay Sts., Norristown, Pa.
 Reed & Prince Mfg. Co., Chester Reed, Sec., 1 Duncan Ave., Worcester, Mass.
 Sonnenschein, Jacob, Monadnock Bldg., San Francisco, Calif.
 Whitney Screw Corp., Rupert C. Jeffery, Pres., Chautauqua Ave., Nashua, N. H.

Spec. 53, NUMBERED COTTON DUCK

- Aragon Mills, J. C. Platt, Supt., Aragon, Ga.
 Barrell, Wm. L., Co. of New York (Inc.), Salbo M. Kahn, Sec., 40 Worth St., New York, N. Y.
 Bennett, Fred S. (Inc.), Fred S. Bennett, Pres., 93 Worth St., New York, N. Y.
 Boott Mills, F. A. Flather, Treas., foot of John St., Lowell, Mass.
 Bradford Textile Co., H. K. Chisholm, owner, 31 Edinboro St., Boston, Mass.
 Carpenter, Geo. B., & Co., Thomas D. Lewis, Mgr., cotton duck Dept., 440 N. Wells St., Chicago, Ill.
 Detroit Canvas Co., Lester E. Jaqua, Pres., 166 Jefferson Ave., E., Detroit, Mich.
 Gandy Belting Co., W. K. Cromwell, Pres., 726 W. Pratt St., Balto., Md.
 Herring, M. Co., M. Herring, owner, 115 Franklin St., New York, N. Y.
 Laacke, R. Co., R. Laacke, sales Mgr., 543 3rd St., Milwaukee, Wis.
 Leslie, Evans & Co. (sole selling Agt. Savage Mfg. Co.) H. M. Leslie, Mem. firm, 39 Thomas St., New York, N. Y.
 Morrillton Cotton Mills (Inc.), J. S. Bachman, Mgr., P. O. Box 188, Morrillton, Ark.
 Mount Vernon-Woodberry Mills (Inc.), J. W. Easter, Sec., 201 E. Baltimore St., Balto., Md.
 Penfield, A. H., & Co. (Inc.), A. H. Penfield, Pres., 320 Broadway, New York, N. Y.
 Simon Bros., Louis Simon, Mgr., 506 Broadway, New York, N. Y.
 Turner Halsey Co., H. W. Turner, V. Pres., 74 Leonard St., New York, N. Y.
 Wellington, Sears & Co., Norman S. Hopes, Mem. firm, 65 Worth St., New York, N. Y.
 Willingham Cotton Mills, B. E. Willingham, jr., Pres., Box 317, Macon, Ga.
 Woodward Baldwin & Co., G. Brent Dorsey, partner, 43 Worth St., New York, N. Y.

Spec. 55, CUTOUT BASES

Armstrong & White, B. B. White, Treas., 709 Renshaw Bldg., Pittsburgh, Pa.
 Arrow Electric Co., W. H. Harrington, Engr., 103 Hawthorn St., Hartford, Conn.
 Benjamin Electric Mfg. Co., R. B. Benjamin, Pres., 120 S. Sangamon St., Chicago, Ill.
 Bryant Electric Co., H. P. Harris, sales service Mgr., Bridgeport, Conn.
 Chase-Shawmut Co., F. D. Masterson, V. Pres., 374 Merrimac St., Newburyport, Mass.
 Chicago Fuse Mfg. Co., H. R. Cook, Ch. Engr., 1501 West 15th St., Chicago, Ill.
 Connecticut Electric Mfg. Co., A. M. Birks, Asst. sales Mgr., Conn. & Florence Aves., Bridgeport, Conn.
 Danbury Electric Mfg. Co., K. Knaussam, Sec., 6 Highland Ave., Danbury, Conn.
 Economy Fuse & Mfg. Co., Morgan P. Ellis, Gen. sales Mgr., 2717 Greenview Ave., Chicago, Ill.
 General Electric Co., D. W. Niven, Mgr. Federal & marine Dept., 1 River Rd., Schenectady, N. Y.

Heinemann Electric Co., Bernard Berlin, Pres., 1730 N. Fifth St., Phila., Pa.
 Johns-Pratt Co., D. G. Phelps, V. Pres., Van Dyke Ave., Hartford, Conn.
 King, B. C. Mfg. (Inc.), Benjamin C. King, Pres., 302 Park Ave., Brooklyn, N. Y.
 Large-Dial Mfg. Co. (Inc.), Edward A. Dial, Pres., 606 Cherry St., Phila., Pa.
 Majestic Electric Mfg. Co., J. Smurcina, V. Pres., 806 N. 12th St., St. Louis, Mo.
 Mendell Electric Mfg. Co. (Inc.), Charles W. Smith, Engr., Main & Depot Sts., Mattapoisett, Mass. (Slate base cartridge fuse cutouts only.)
 Multi Electrical Mfg. Co., C. T. McDonald, Pres., 1848 W. 14th St., Chicago, Ill.
 Thomas, R. & Sons Co., H. R. Holmes, Gen. Mgr., 7th St., East Liverpool, Ohio.
 Trumbull Electric Mfg. Co., S. S. Gwillim, Sec., Woodford Ave., Plainville, Conn.

Spec. 57, FLEXIBLE NONMETALLIC TUBING

American Circular Loom Co., F. C. Hodgkinson, Gen. Mgr., 90 West St., New York, N. Y.
 American Wiremold Co., W. D. Ball, Sec., 252 Asylum St., Hartford, Conn.
 Eastern Tube & Tool Co. (Inc.), Edwin J. Schneider, Gen. Mgr., 594 Johnson Ave., Brooklyn, N. Y.
 Electric Conduits Co., Philip H. Rogers, Mgr., 332 Leland Ave., Plainfield, N. J.
 Graybar Electric Co., W. H. Leathers, Mgr. Govt. Dept., 100 East 42nd St., New York, N. Y.

National Metal Molding Co., C. J. Kim, Asst. sales Mgr., 1110 Fulton Bldg., Pittsburgh, Pa.
 Non-Metallic Pliaduct Co. (Inc.), H. M. Short, V. Pres., Seneca St., Penn Yan, N. Y.
 Saylor Electric & Mfg. Co., F. D. Saylor, Pres., 1014 Lynn St., Detroit, Mich.
 Triangle Conduit Co. (Inc.), H. J. Westphal, sales Engr., Dry Harbor Rd. & Cooper Ave., Brooklyn, N. Y.
 Tubular Woven Fabric Co., Horatio N. Otis, Sec., Pawtucket Ave., Pawtucket, R. I.

Spec. 58a, DRY CELLS AND BATTERIES

TYPES OF CELLS AND BATTERIES

A, No. 6 dry cells (general purpose type).
 B, No. 6 dry cells, telephone type (light service cells).
 C, No. 6 dry cells, radio "A" type.
 D, Assembled batteries of No. 6 cells.

E, Flashlight cells and batteries.
 F, Radio "B" batteries.
 G, Radio "C" batteries.

Advance Battery Corp., Ralph Gelarden, Pres., 59 Pearl St., Brooklyn, N. Y. (A, C, E, F, G only.)
 Austin Accessories Mfg., Co. D. J. Berger, Pres., 12 S. Clinton St., Chicago, Ill. (A, E, F, G only.)
 Bridgeport Metal Goods Mfg. Co., I. L. Ferris, Factory Mgr., Bridgeport, Conn. (A, B, C, E, F, G only.)
 Bright Star Battery Co., H. Koretzky, Treas., 15th St. & Riverhead, Hoboken, N. J. (A, B, D, E, F, G only.)
 Carbon Products Co., C. H. Heckenstein, V. Pres. S. Ewing St., Lancaster, Ohio. (A, B, C, D, E, G only.)
 Champion Carbon Mfg. Co., J. E. Peavey V. Pres., 1302 First Nat. Bank Bldg., Cincinnati, Ohio. (A, C, D, E, F, G, only.)
 Coast Dry Battery Co., E. M. Doernbecher, Pres., 1327 Rainier Ave., Seattle, Wash. (All.)
 Comet Co., W. R. Loreman, Pres., 1137 W. 6th St., Cleveland, Ohio. (E, F, G, only.)
 Diamond Electric Corp., G. Thomson, V. Pres., 780 Frelinghuysen Ave., Newark, N. J. (All.)
 French Battery Co., W. W. Cagill, V. Pres., 2317 Winnebago St., Madison, Wis. (All.)
 General Dry Batteries (Inc.), W. G. Waitt, V. Pres., 13100 Athens Ave. W., Cleveland, Ohio. (A, B, C, D, F, G only.)

Giant Radio Battery Co. (Inc.), E. J. Cohen, Asst. Gen. Mgr., 71 Wallabout St., Brooklyn, N. Y. (E, F, G only.)
 Graybar Electric Co. (Inc.), C. H. Brotherton, Mgr. Gov. Dept., 420 Lexington Ave., New York, N. Y. (B only.)
 Hipwell Mfg. Co., H. H. Hipwell, Pres., 831 N. Ave., Pittsburg, Pa. (All.)
 Marathon Battery Co., E. J. McEachron, V. Pres., Henrietta, Wausau, Wis. (A, C, E, F, G only.)
 National Carbon Co. (Inc.), E. G. Clemenson, Asst. Gen. sales Mgr., 30 East 42d St., New York, N. Y. (All.)
 Standard Electric Novelty Co. (Inc.), Irving H. Wald, Gen. Mgr., 19 Bond St., New York, N. Y. (All.)
 Sturges Multiple Battery Corp., H. W. Spalm, Gen. Mgr., Van Wyck Ave., Jamaica, N. Y. (C, E, F, G only.)
 United States Electric Mfg. Corp., H. Hyman, Pres., 222 W. 14th St., New York, N. Y. (E, F, G only.)
 U. S. L. Battery Corp., A. A. MacLean, V. Pres., Niagara Falls, N. Y. (A, E, F, G only.)
 Winchester Repeating Arms Co., H. Thompson, Treas., 275 Winchester Ave., New Haven, Conn. (E, F, G only.)
 Yale Electric Corp., L. H. Keller, V. Pres., 60 Tillary St., Brooklyn, N. Y. (All.)

Spec. 62, SNAP SWITCHES

- Arrow Electric Co., W. H. Harrington, Engr., 103 Hawthorn St., Hartford, Conn.
 Beaver Machine & Tool Co. (Inc.), Ernest B. Slade, Pres., 625 No. 3d St., Newark, N. J.
 Bryant Electric Co., H. P. Harris, sales service Mgr., 1421 State St., Bridgeport, Conn.
 Connecticut Electric Mfg. Co., A. M. Birks, Asst. sales Mgr., Conn. & Florence Aves., Bridgeport, Conn.
 Cutler Hammer Mfg. Co., H. B. Phillips, Mgr., Mdse. sales, 12th & St. Paul Ave., Milwaukee, Wis.
 Electric Service Supplies Co., Harry L. Handwork, Ass't. sales Mgr., 17th & Cambria Sts., Phila., Pa.
 General Electric Co., D. W. Niven, Mgr., Federal & marine Dept., 1 River Rd., Schenectady, N. Y.
 Hart & Hegeman Mfg. Co., Haynes L. Everest, Gen. sales Mgr., 342 Capitol Ave., Hartford, Conn.
 Hart Mfg. Co., G. C. Barry, sales Mgr., Hamilton St., Hartford, Conn.
 Hubbell, Harvey (Inc.), H. W. Bliven, V. Pres., State St. & Bostwick Ave., Bridgeport, Conn.
 Hyman, Henry & Co. (Inc.), S. Calvert, sales Mgr., 222 W. 14th St., New York, N. Y.
 Mutual Electric & Machine Co., Leon H. Frank, Gen. sales Mgr., 7610 Joseph Campau Ave., Detroit, Mich.
 United Electric Apparatus Co., A. A. Ziegler, Gen. Mgr., 1529 Columbus Ave., Boston, Mass.

Spec. 65, RUBBER COVERED WIRES AND CABLES FOR ORDINARY PURPOSES

- American Steel & Wire Co., James B. Bonner, Mgr. of sales, 603 Wilkins Bldg., Washington, D. C.
 Atlantic Insulated Wire and Cable Co., J. H. Maxon, V. Pres., Rome, N. Y.
 Belden Mfg. Co., N. B. Parsons, V. Pres., 2300 S. Western Ave., Chicago, Ill.
 Bishop Wire & Cable Corp., W. J. Mundell, V. Pres., 420 E. 25th St., New York, N. Y.
 Boston Insulated Wire & Cable Co., H. B. Burley, Pres., 65 Bay St., Postal District 25, Boston, Mass.
 Bourn, S. W., Mfg. Co., S. W. Bourn, owner, 248 Harrison St., Providence, R. I.
 Collyer Insulated Wire Co., R. O. Moeller, Treas., 249 N. Main St., Pawtucket, R. I.
 Crescent Insulated Wire & Cable Co., A. H. Battye, Sec., Olden & Taylor Aves., Trenton, N. J.
 Detroit Insulated Wire Co., George S. Wiley, Chem. Engr., 4647 Wesson Ave., Detroit, Mich.
 General Electric Co., D. W. Niven, Mgr. Federal & marine Dept., 1 River Rd., Schenectady, N. Y.
 Graybar Electric Co., W. H. Leathers, Mgr. Gov. Dept. 100 East 42nd St., New York, N. Y.
 Habirshaw Cable & Wire Corp., W. A. Delmar, Ch. Engr., Point St., Yonkers, N. Y.
 Hazard Mfg. Co., Carl Brodhun, Asst. sales Mgr., 81 E. Ross St., Wilkes-Barre, Pa.
 Indiana Rubber & Insulated Wire Co., R. W. Seibeling, Sec., Jonesboro, Ind.
 National Metal Molding Co., C. J. Kim, Asst. sales Mgr., 1110 Fulton Bldg., Pittsburgh, Pa.
 Okonite Co., Lewis G. Martin, V. Pres., Canal St., Passaic, N. J.
 Roebbling's, John A., Sons Co., James A. DeWan, sales Agt., Trenton, N. J.
 Rome Wire Co., E. H. Ethridge, Sec., Rome, N. Y.
 Safety Cable Co., O. R. Grant, Asst. sales Mgr., 114 Liberty St., New York, N. Y.
 Seward Wire Co. (Inc.), T. J. Seward, Pres., Camden Ave., South Side, Parkersburg, W. Va.
 Simplex Wire & Cable Co., Wm. T. Davis, sales Mgr., 201 Devonshire St., Boston, Mass.
 Standard Underground Cable Co., A. H. Williams, Acting V. Pres., S. W. cor. 17th & Pike Sts., Pittsburgh, Pa.
 Triangle Conduit Co., H. J. Westphal, sales Engr., Dry Harbor Rd. & Cooper Ave., Brooklyn, N. Y.
 Tubular Woven Fabric Co., Horatio N. Otis, Sec., Pawtucket Ave., Pawtucket, R. I.
 United States Rubber Co., J. A. Wasegan, Mgr. wire sales, 1790 Broadway, New York, N. Y.
 Whitney Blake Co., M. E. Chester, Sec., 30 Marne St., New Haven, Conn.

Spec. 66, WATER RESISTING RED ENAMEL

- Alpers, W. A. Co., W. A. Alpers, Pres., 1039 W. 11th St. Cleveland, Ohio.
 American Paint & Supply Co., L. F. Ferguson, Asst. Sec., Box 891, Dallas, Tex.
 American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine Street, New Orleans, La.
 Apex Color Works (Inc.), L. Liedeker, Sec., 50 W. Broadway, New York, N. Y.
 Arco Co., David Andrew, V. Pres., 730 Bessemer Ave., Cleveland, Ohio.
 Arlington Paint & Varnish Co., Alfred B. Stellwagon Mgr., 1329 Harrison Ave., SW., Canton, Ohio.
 Arnesto Paint Co. (Inc.), M. Arnstern, Pres., 546 W. 46th St., New York, N. Y.
 Athey, C. M. Paint Co., C. M. Athey, Pres., 500 S. Hanover St., Balto., Md.
 Avalon Paint Corp., F. A. Sage, Pres., 2127 Santee St., Los Angeles, Calif.
 Baer Bros., M. Baer, 438 W. 37 St., New York, N. Y.
 Baltimore Paint & Color Works (Inc.), Morris Shuger, Pres., 148 S. Calverton Rd., Balto., Md.
 Benson Paint & Varnish Co., B. Y. Benson, Pres., Birmingham, Ala.
 Bigelow Varnish Co., J. W. Crelin, Asst. Sec., 87 Oliver St., Newark, N. J.
 Born, L., L. Born, Prop., Hampton, Va.
 Breinig Bros. (Inc.), M. B. Fuller, Gen. Mgr., 3d & Grand St., Hoboken, N. J.
 Briggs-Maroney Co. (Inc.), George J. Beake, Sec., 85 Paris St., Everett, Mass.
 Calbar Paint & Varnish Co., F. E. Elwees, V. Pres., 2620 Martha St., Phila., Pa.
 California Paint Co., M. S. Orrick, V. Pres., 1797—12th St., Oakland, Calif.
 Certain-teed Products Corp., Dntro C. Cole, V. Pres., 100 E. 42d St., New York, N. Y.
 Capitol Paint & Varnish Works (Inc.), H. J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y.
 Central Paint & Varnish Works, Bernard Barrich, Tech. Dir., 63 Prospect St., Brooklyn, N. Y.
 Chicago White Lead & Oil Co., Albert Engelsman, Asst. Sec., 1454 S. Western Ave., Chicago, Ill.
 Cleveland Paint & Color Co., W. Alpers, Sec., 1039 W. 11th St., Cleveland, Ohio.

- Cochran, John P., Co., H. C. Blood, Sec., 19000 Wynnewood Rd., Cleveland, Ohio.
- Cook Paint & Varnish Co., V. H. Whitelam, V. Pres. Kansas City, Mo.
- Coledge, F. J., & Sons, Grier Martin, Sec., 12 N. Forsyth St., Atlanta, Ga.
- Davis, H. B., Co., H. B. Davis, Pres., Bayard & Severn Sts., Balto., Md.
- Dean & Barry Co., George W. McKuy, Treas., 296 N. Water St., Columbus, Ohio.
- Denny, Hilborn & Rosenbach (Inc.), M. P. Rosenbach, Treas., 230 N. 12th St., Phila., Pa.
- DeSoto Paint & Varnish Co., E. R. Herbert, sales promotion Dir., Broadway & S. Sommerville Sts. Memphis, Tenn.
- Detroit Graphite Co., P. L. Maury, V. Pres., 550 12th St., Detroit, Mich.
- Devoe & Reynolds Co. (Inc.), R. B. Ayer, Tech. Dir., 1 W. 47th St., New York, N. Y.
- Dolphin Paint & Varnish Co., Julius Blum, 2d. V. Pres., Champlain & Locust Sts., Toledo, Ohio.
- Dozier & Gay Paint Co., J. H. Gay, Pres., 46 W. Bay St., Jacksonville, Fla.
- Elkhart Enamel & Paint Corp., W. F. Steep, Gen. Mgr., Crawford St., Elkhart, Ind.
- Elliott Varnish Co., H. A. Rowland, Pres., 4525 W. Fifth Ave., Chicago, Ill.
- Elmendorf Varnish Co., A. J. Safstrom, Pres., 841 Larrabee St., Chicago, Ill.
- Farboil Paint Co., M. D. Swartz, owner, Eastern Ave. & 11 St., Balto., Md.
- Felton-Sibley & Co. (Inc.), A. D. Graf, sales mgr., 136 N. 4th St., Phila., Pa.
- Fitch-Riggall Paint & Varnish Co., Albert Riggall, Pres., 315 Market St., Phila., Pa.
- Frazer Paint Co., W. E. Hanes, V. Pres., 2475 Hubbard Ave., Detroit Mich.
- Frey-Yenkin Paint Co., A. I. Yenkin, Mem. firm, 251 N. Sandusky St., Columbus, Ohio.
- Fuller, W. P., & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
- Garland Co., L. J. Pfister, V. Pres., 3748 E. 91st St., Cleveland, Ohio.
- General Paint & Varnish Co., H. Bigelow, Pres., 2001 Mendell St., Chicago, Ill.
- Glidden Co., M. S. Williams, V. Pres., Madison Ave. & Berea Rd., Cleveland, Ohio.
- Globe Paint Co., Geo. B. Spicer, sales Mgr., 202 Market St., Williamsport, Pa.
- Goheen Corp. of N. J., E. Ress, Sec., 202 Emmett St., Newark, N. J.
- Great Lakes Varnish Works, J. G. Shillock, Pres., 2207 N. Crawford Ave., Chicago, Ill.
- Hampden Paint & Chemical Co., W. Lee Costigan, Asst. Sec., 161 Armory St., Springfield, Mass.
- Hancock Paint & Varnish Co., E. J. Heap, V. Pres., Atlantic, Mass.
- Hanline Bros., Leon Hanline, Mem. firm, 23 S. Howard St., Balto., Md.
- Harper-Scott Paint Mfg. Co., H. C. Hain, Sec., 700 N. Main St., St. Louis, Mo.
- Impervious Paint & Varnish Co., J. E. Peofe, Prop., 161 E. Allen St., Phila., Pa.
- International Paint Corp., E. B. Dunford, Gen. Mgr. 13th St. & Southern Rwy., East St. Louis, Ill.
- Johnson, A. S. Co., S. M. Johnson, Mgr., 1142 Broadway, Tacoma, Wash.
- Johnson, Oliver & Co. (Inc.), Denison W. Greene, Treas., 18 Custom House St., Providence, R. I.
- Johnston, R. F. Paint Co., A. Fel Johnston, Pres., Pearl & Main Sts., Cincinnati, Ohio.
- Jones-Dabney Co. (Inc.), E. J. Probeck, Prod. Mgr., 1481 S. 11th St., Louisville, Ky.
- Jones & Dillingham, H. L. Jones, Asst. Mgr., 713 First Ave., Spokane, Wash.
- Keystone Varnish Co., F. Etwell, Sec., 71 Otsego St., Brooklyn, N. Y.
- Kohler-McLister Paint Co., F. McLister, Mgr., W. 13th & Osage, Denver, Colo.
- Lampton, Crane & Ramey Co., A. E. Warfield, V. Pres. in charge of sales, 1201 Story Ave., Louisville, Ky.
- Lawrence, W. W. & Co., C. D. Wettach, Pres., W. Carson St., Pittsburgh, Pa.
- Leitch Mfg. Co., J. Miners, V. Pres., 342 Madison Ave., New York, N. Y.
- Liebach, G. J., Co., H. E. Donner, Sec., 166 W. Kinzie St., Chicago, Ill.
- Lino Paint Co., A. H. Clino, V. Pres., 16908 Waterloo Rd., Cleveland, Ohio.
- Long, Chas. R., jr., Co., S. S. Demarest, V. Pres., 1520 W. Hill St., Louisville, Ky.
- Louisville Paint Mfg. Co., L. First, Sec., 1112 W. Main St., Louisville, Ky.
- Lucas, John & Co. (Inc.), James R. Allen, Mgr. marine Dept., 521 Washington St., New York, N. Y.
- Lucas, John & Co. (Inc.), G. Johannes, Mgr., 322 Race St., Phila., Pa.
- Mahoning Paint & Oil Co., B. Nichols, Sec., 653 Jones St., Youngstown, Ohio.
- Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig St., New Orleans, La.
- Mathews Paint Co. (Inc.), W. Kelleher, Sec., 219 S. Los Angeles, St., Los Angeles, Calif.
- Mayer Loewenstein, J. H. Awaham, V. Pres., 43 Vernon Blvd., Long Island City, N. Y.
- McDaniel Paint & Varnish Co., I. M. Severson, V. Pres., 1500 W. Kinzie St., Chicago, Ill.
- McDougall-Butler Co. (Inc.), N. M. Graves, V. Pres., 6 Evans St., Buffalo, N. Y.
- McMurtry Mfg. Co., Allan G. Barr, salesman, 533 Arapahoe St., Denver, Colo.
- McNamara, Michael, Varnish Works, Michael McNamara, V. Pres., 2538 Clark Ave., Detroit, Mich.
- Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balto., Md.
- Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 So. 3d St., Minneapolis, Minn.
- Mobile Paint Mfg. Co., B. S. Butler, Pres., Dauphin & Water Sts., Mobile, Ala.
- Moline Paint Mfg. Co., Warren C. Skinner, Sec., 101 16th St., Moline, Ill.
- Monad Paint & Varnish Co., D. J. McCrudden, jr., Prop., Roberts Ave. & Pa. R. R., Phila., Pa.
- Moore, Benjamin & Co., L. A. Diddle, Mgr., 4400 E. 71st St., Cleveland, Ohio.
- Moore, Benjamin & Co., R. Moore, Mgr., 1600 S. Second St., St. Louis, Mo.
- Mutual Paint Co., M. P. Malvern, Gen. Mgr., 700 Vandalia St., St. Paul, Minn.
- Mutual Paint Mfg. Co., W. S. Schmith, Mgr., 826 S. 18th St., St. Louis, Mo.
- Natroco Paint & Varnish Works, H. B. Fleming, Mgr., Fillmore Ave., Tonawanda, N. Y.
- Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
- Oxford Varnish Corp., A. P. Tallman, Ch. Bd. of Dir., 350 Morris St., Toledo, Ohio.
- Palmer-Price Co., R. A. Luz, Treas., McWhorter & Chestnut Sts., Newark, N. J.
- Paraffine Cos. (Inc.), E. R. DeGraf, Mgr. Paint Dept., 475 Brannan St., San Francisco, Calif.
- Parr Paint & Color Co., W. J. Parr, Pres., 18312 Syracuse Ave., Cleveland, Ohio.

- Patek Bros. (Inc.), W. O. Schwarz, V. Pres., 230 E. Water St., Milwaukee, Wis.
- Peaslee Gaulbert Paint & Varnish Co., H. Fitzpatrick, Asst. Mgr., trade sales, 223 N. 15th St., Louisville, Ky.
- Pecora Paint Co., S. Bowen, Pres., 3501 N. Fourth St., Phila., Pa.
- Perry & Derrick Co., F. J. Derrick, Pres., 906 Central Ave., Cincinnati, Ohio.
- Phoenix Paint & Varnish Co., W. Gentry Hodgson, Sec., 124 Market St., Phila., Pa.
- Pittsburgh Plate Glass Co., H. E. Reeve, Agt., 2 Chester Ave., Newark, N. J.
- Porter Paint Co., Paul T. Eitel, Asst. Sec., 401 S. 14th St., Louisville, Ky.
- Red Spot Paint & Varnish Co., H. B. Bausland, Treas., 110 Main St., Evansville, Ind.
- Reliable Paint Co., W. E. Mullin, Pres., 906 E. Main St., Louisville, Ky.
- Republic Varnish Co., S. S. Long, Pres., 201 Thomas St., Newark, N. J.
- Ridgway-Quest Co., T. F. Chamberlain, jr., Asst. Treas., 2514 W. 48th Pl., Chicago, Ill.
- Ronan, T. J., Co. (Inc.), Arthur T. Ronan, V. Pres., 17 Atlantic Ave., Brooklyn, N. Y.
- St. Paul White Lead & Oil Co., W. H. Sweeney, Treas., Water & Starkey Sts., St. Paul, Minn.
- Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va.
- Scientific Production Corp., Philip G. Strong, V. Pres., 3852 Grand Central Terminal, New York, N. Y.
- Seidlitz Paint & Varnish Co., S. F. Hammond, V. Pres., 18th & Garfield Sts., Kansas City, Mo.
- Sewall Paint & Varnish Co., A. C. Bale, V. Pres., 1009 W. 8th St., Kansas City, Mo.
- Sheldon, Albert K., Co., A. K. Sheldon, Pres., 187 Broadway, Cambridge, Mass.
- Sipe, James B., & Co., J. C. Adderly, V. Pres., 704 Chamber of Commerce Bldg., Pittsburgh, Pa.
- Solastic Products Co. (Inc.), H. J. Rudd, Pres., 3018 Ninth Ave., S. Seattle, Wash.
- Sommers & Co. (Ltd.), J. Miners, Pres., 342 Madison Ave., New York, N. Y.
- Special Products Co., Clay Littleton, owner, 2412 Trenton Ave., Bristol, Pa.
- Spruance, Gilbert, Co., Gilbert Spruance, Pres., Richmond & Tioga Sts., Phila., Pa.
- Standard Paint & Lead Works (Inc.), A. C. Benstern, Treas., Willey Ave. on Big 4 R. R., Cleveland, Ohio.
- Sterling Paint Co., W. D. Bergeron, Gen. Mgr., 6460 Green St., Emeryville, Calif.
- Stewart Bros. Paint Co., W. E. Stewart, Sec., 999 N. Union Ave., Alliance, Ohio.
- Stewart Paint Mfg. Co., E. Stewart, Pres., 1729 Second St. N., Minneapolis, Minn.
- Suydam, M. B., Co., B. S. Suydam, Pres., Island & Preble Aves., Pittsburgh, Pa.
- Thompson & Co., John L. Crowley, Supt., 857 W. N. Ave., Pittsburgh, Pa.
- Thomson Wood Finishing Co., J. Binswanger, Tech. Dir., 829 N. 3d St., Phila., Pa.
- Tibbetts, H. R., Paint Co., H. R. Tibbetts, V. Pres., 1616 E. 14th St., Los Angeles, Calif.
- Truscon Laboratories, J. J. Super, Asst. Gen. Mgr., Caniff Ave. & G. T. R. R., Detroit, Mich.
- Utlely Paint Co. (Inc.), E. Nenwith, jr., Sec., 1126 Gravier St., New Orleans, La.
- Vallé Co., Dr. Cecilio D. Vallé, Pres., 4476 E. 71st St., Cleveland, Ohio.
- Varcraft Works (Inc.), F. A. Werts, Prod. Mgr., Keim & Cross Sts., Pottstown, Pa.
- Wamblu Corp., Emil M. Blutau, Sec., 1326 Ridge Rd., Rochester, N. Y.
- West Chemical & Paint Co., F. M. Sorrick, Pres., Springport, Mich.
- Western Paint & Varnish Co., John C. Gelvant, V. Pres., foot of Herman Ave., Duluth, Minn.
- Wetherill, Geo. D., & Co. (Inc.), S. D. Davis, Tech. Dir., 113 Arch St., Phila., Pa.
- White Co., J. Benesch, Asst. Sec., Loney's Lane & Biddle St., Balto., Md.
- Williams & Hayward Co., L. A. Williams, Pres., 2526 W. Van Buren St., Chicago, Ill.
- Woolsey, C. A., Paint & Color Co., Harry Woolsey, Sec., 500 Grand St., Jersey City, N. J.
- Yates & Co., C. M. Yates, jr., Pres., 754 Folsom St., San Francisco, Calif.

Spec. 67, GLOSS INTERIOR LITHOPONE PAINT, WHITE AND LIGHT TINTS

- Adelphi Paint & Color Works (Inc.), Osser Einhorn, Pres., 86 St. & Old South Rd., Woodhaven, L. I., N. Y.
- Alpers, W. A., Co., W. A. Alpers, Pres., 1039 W. 11th St., Cleveland, Ohio.
- American Paint & Supply Co., L. H. Ferguson, Asst. Sec., Box 891, Dallas, Tex.
- American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La.
- Apex Color Works (Inc.), L. Liedeker, Sec., 50 W. Broadway, New York, N. Y.
- Arco Co., David Andrew, V. Pres., 730 Bessemer Ave., Cleveland, Ohio.
- Arlington Paint & Varnish Co., Alfred B. Stellwagon, Mgr., 1329 Harrison Ave., SW., Canton, Ohio.
- Arnesto Paint Co. (Inc.), M. Arnstern, Pres., 546 W. 46th St., New York, N. Y.
- Ashland Paint Co., E. W. Miller, Gen. Mgr., Huntington, W. Va.
- Athey, C. M., Paint Co., C. M. Athey, Pres., 500 S. Hanover St., Balto., Md.
- Avalon Paint Corp., F. A. Sage, Pres., 2127 Santee St., Los Angeles, Calif.
- Baer Bros., M. Baer, Mem. firm, 438 W. 37th St., New York, N. Y.
- Baltimore Paint & Color Works (Inc.), Morris Shuger, Pres., 148 S. Calverton Rd., Balto., Md.
- Bradford, James, Co., W. M. Francis, Pres., 212 Market St., Wilmington, Del.
- Benson Paint & Varnish Co., B. Y. Benson, Pres., Birmingham, Ala.
- Bigelow Varnish Co., J. W. Crelin, Asst. Sec., 87 Oliver St., Newark, N. J.
- Blue Ribbon Paint Co., G. W. Vogt, V. Pres., 2321 Main St., Wheeling, W. Va.
- Boatwright Paint & Varnish Works, T. B. Boatwright, Pres., 134 Walker St., Atlanta, Ga.
- Born, L., L. Born, Prop., Hampton, Va.
- Bradley & Vrooman Co., E. M. Rosenthal, Sec., 2632 S. Dearborn St., Chicago, Ill.
- Breinig Bros. (Inc.), M. B. Fuller, Gen. Mgr., 3d & Grand Sts., Hoboken, N. J.
- Briggs-Maroney Co. (Inc.), G. J. Beake, Sec., 85 Paris St., Everett, Mass.
- Calbar Paint & Varnish Co., F. E. Ewees, V. Pres., 2620 Martha St., Phila., Pa.
- California Paint Co., M. S. Orrick, V. Pres., 1797 12th St., Oakland, Calif.
- Capitol Paint Co. (Inc.), C. C. Smith, Pres., S. Washington, Va.

- Capitol Paint & Varnish Works (Inc.), J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y.
- Casad, James G., Co., James G. Casad, Pres., 601 Romine St., Urbana, Ill.
- Central Paint & Varnish Works, Bernard Barrich, Tech. Dir., 63 Prospect St., Brooklyn, N. Y.
- Certain-teed Products Corp., Dntro C. Cole, V. Pres., 100 E. 42d St., New York, N. Y.
- Chicago White Lead & Oil Co., Albert Engelsman, Asst. Sec., 1454 S. Western Ave., Chicago, Ill.
- Cleveland Paint & Color Co., W. A. Alpers, Sec., 1039 W. 11th St., Cleveland, Ohio.
- Cochran, John P., Co., H. C. Blood, Sec., 19000 Wynnewood Rd., Cleveland, Ohio.
- Cook Paint & Varnish Co., V. H. Whitlam, V. Pres., Kansas City, Mo.
- Cooleedge, F. J., & Sons (Inc.), Grier Martin, Sec., 12 N. Forsyth St., Atlanta, Ga.
- Davis Paint Co., L. A. Hawkinson, V. Pres., 14th & Iron Sts., N. Kansas City, Mo.
- Davis, H. B., Co., H. B. Davis, Pres., Bayard & Severn Sts., Balto., Md.
- Dean & Barry Co., George W. McKay, Treas., 296 N. Water St., Columbus, Ohio.
- Denny, Hilborn & Rosenbach (Inc.), M. P. Rosenbach, Treas., 230 N. 12th St., Phila., Pa.
- DeSoto Paint & Varnish Co., E. R. Herbert, sales promotion Dir., Broadway & S. Sommerville Sts., Memphis, Tenn.
- Detroit Graphite Co., P. Maury, V. Pres., 550 12th St., Detroit, Mich.
- Detroit White Lead Works, J. V. Carr, sales Mgr., 1960 E. Milwaukee Ave., Detroit, Mich.
- Devoe & Reynolds Co. (Inc.), R. B. Ayer, Tech. Dir., 1 W. 47th St., New York, N. Y.
- Domino Paint Mfg. Co. (Inc.), F. O'Brien, Pres., 1330 St. Peter St., New Orleans, La.
- Dozier & Gay Paint Co., J. H. Gay, Pres., 46 W. Day St., Jacksonville, Fla.
- Eagle Paint & Varnish Works (Inc.), H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y.
- Elliott Varnish Co., H. A. Rowland, Pres., 4525 W. Fifth Ave., Chicago, Ill.
- Ernecke & Salmstein Co., Richard Wasseruling, Pres., 944 W. North Ave., Chicago, Ill.
- Farboil Paint Co., M. D. Swartz, Owner, Eastern Ave. & 11th St., Balto., Md.
- Federal Composition & Paint Co. (Inc.), G. H. Miles, Ch. Clerk, 33 Rector St., New York, N. Y.
- Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
- Fitch-Riggall Paint & Varnish Co., Albert Riggall, Pres., 315 Market St., Phila., Pa.
- Forman, Ford & Co., A. E. Clerihem, Pres., 111 Second St., S., Minneapolis, Minn.
- Franklin Paint Co., L. S. Sanders, Gen. Mgr., 8203 Franklin Ave., Cleveland, Ohio.
- Frazer Paint Co., W. E. Hanes, V. Pres., 2475 Hubbard Ave., Detroit, Mich.
- Frey-Yenkin Paint Co., A. I. Yenkin, Mem. firm, 251 N. Sandusky St., Columbus, Ohio.
- Fuller, W. P., & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
- Furolin Paint Fire Proofing Co. (Inc.), G. Johnston, Sec., 216 W. Kinzie St., Chicago, Ill.
- Garland Co., L. J. Pfister, V. Pres., 3748 E. 91st St., Cleveland, Ohio.
- Gates, J. M., & Sons Co., D. H. Gates, Mgr., 27 Summers St., Charleston, W. Va.
- General Paint & Varnish Co., H. Bigelow, Pres., 2001 Mendell St., Chicago, Ill.
- Glidden Co., W. Williams, V. Pres., Madison Ave. & Berea Rd., Cleveland, Ohio.
- Goheen Corp. of N. J., E. Ress, Sec., 202 Emmett St., Newark, N. J.
- Great Lakes Varnish Works, J. G. Shilvock, Pres., 2207 N. Crawford Ave., Chicago, Ill.
- Hampden Paint & Chem. Co., W. Lee Costigan, Asst. Sec., 161 Armory St., Springfield, Mass.
- Hancock Paint & Varnish Co., Edwin J. Heap, V. Pres., Atlantic, Mass.
- Hanline Bros., Leon Hanline, Mem. firm, 23 S. Howard St., Balto., Md.
- Harper-Scott Paint Mfg. Co., H. C. Hain, Sec., 700 N. Main St., St. Louis, Mo.
- Herock Mfg. Co., F. L. Herr, partner, Wheatland St., Phoenixville, Pa.
- Hockaday (Inc.), J. H. Hirsch, Pres., 1823 Carroll Ave., Chicago, Ill.
- Hunt, J. W., J. W. Hunt, Prop., 1221 New York Ave., NW., Washington, D. C.
- Impervious Paint & Varnish Co., J. E. Peofe, Prop., 161 E. Allen St., Phila., Pa.
- Inland White Lead Co., C. Walton Aborn, Supt., 741 Boston Ave., Chicago, Ill.
- International Paint Corp., E. B. Dunford, Gen. Mgr., 13th St. & Southern Ry., East St. Louis, Ill.
- Johnson, A. S., & Co., S. W. Johnson, Mgr., 1142 Broadway, Tacoma, Wash.
- Johnson, S. C., & Son, H. F. Johnson, jr., partner, 1012 16th St., Racine, Wis.
- Johnson, Oliver, & Co. (Inc.), Denison W. Greene, Treas., 18 Custom House St., Providence, R. I.
- Johnston, R. F., Paint Co., A. Fel Johnston, Pres., Pearl & Main Sts., Cincinnati, Ohio.
- Jones—Dabney Co. (Inc.), E. J. Probeck, Prod. Mgr., 1481 S. 11th St., Louisville, Ky.
- Jones & Dillingham, H. L. Jones, Asst. Mgr., 713 First Ave., Spokane, Wash.
- Keystone Varnish Co., R. Etwell, Sec., 71 Otsego St., Brooklyn, N. Y.
- King, William H. & Co., Parker D. King, Pres., 66 Kane St., Brooklyn, N. Y.
- Lampton, Crane & Ramey Co., W. E. Warfield, V. Pres. in charge of sales, 1201 Story Ave., Louisville, Ky.
- Lawrence, W. W., & Co., C. D. Wettach, Pres., W. Carson St., Pittsburgh, Pa.
- Leavitt, Louis, Phillip W. Leavitt, Mgr., 454 Driggs Ave., Brooklyn, N. Y.
- Leitch Mfg Co., J. Miners, V. Pres., 342 Madison Ave., New York, N. Y.
- Liebich, G. J., Co., Harry E. Donner, Sec., 166 W. Kinzie St., Chicago, Ill.
- Lincoln Paint & Color Co., H. H. McVicker, Asst. sales Mgr., 811 M St., Lincoln, Neb.
- Lino Paint Co., A. H. Clino, V. Pres., 16908 Waterloo Rd., Cleveland, Ohio.
- Lion Varnish Co., H. G. Bailey, Pres., Cooper Ave. & Proctor St., Glendale, Brooklyn, N. Y.
- Long, Chas. R., jr., Co., S. S. Demarest, V. Pres., 1520 W. Hill St., Louisville, Ky.
- Louisville Paint Mfg. Co., L. E. First, Sec., 1112 W. Main St., Louisville, Ky.
- Lucas, John, & Co. (Inc.), James R. Allen, Mgr. marine Dept., 521 Washington St., New York, N. Y.
- Lucas, John, & Co. (Inc.), G. Johannes, Mgr. Ind. sales, 322 Race St., Phila., Pa.
- Mahoning Paint & Oil Co., B. N. Nichols, Sec., 653 Jones St., Youngstown, Ohio.
- Marietta Paint & Color Co., W. H. Campbell, V. Pres., Greene & Acme Sts., Marietta, Ohio.
- Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig St., New Orleans, La.

- Martin Semour Co., F. W. Somers, Mgr., 18 Sackett St., Brooklyn, N. Y.
- Mathews Paint Co. (Inc.), J. Kelleher, Sec., 219 S. Los Angeles St., Los Angeles, Calif.
- Mayer & Loewenstein, J. H. Awaham, V. Pres., 43 Vernon Blvd., Long Island City, N. Y.
- McDaniel Paint & Varnish Co., I. M. Severson, V. Pres., 1500 W. Kinzie St., Chicago, Ill.
- McDougall-Butler Co. (Inc.), J. M. Graves, V. Pres., 6 Evans St., Buffalo, N. Y.
- McMurtry Mfg. Co., A. G. Barr, salesman, 1533 Arapahoe St., Denver, Colo.
- McNamara, Michael Varnish Works, M. McNamara, V. Pres., 2538 Clark Ave., Detroit, Mich.
- Merkin, M. J., Paint Co. (Inc.), Edward Burger, Tech. Mgr., 25 Spruce St., New York, N. Y.
- Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balto., Md.
- Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn.
- Mobile Paint Mfg. Co., B. S. Butler, Pres., Dauphin & Water Sts., Mobile, Ala.
- Moline Paint Mfg. Co., Warren C. Skinner, Sec., 101 16th St., Moline, Ill.
- Monad Paint & Varnish Co., Daniel J. McCrudden, jr., Prop., Roberts Ave. & Pa. R. R., Phila., Pa.
- Moore, Benjamin & Co., L. A. Diddle, Mgr., 4400 E. 71st St., Cleveland, Ohio.
- Moore, Benjamin & Co., G. W. Jenkin, 511 Canal St., New York, N. Y.
- Moore, Benjamin & Co., Richard Moore, Mgr., 1600 S. Second St., St. Louis, Mo.
- Mutual Paint Co., N. P. Malvern, Gen. Mgr., 700 Vandalia St., St. Paul, Minn.
- Mutual Paint Mfg. Co., W. Schmitt, Mgr., 826 S. 18th St., St. Louis, Mo.
- Natroco Paint & Varnish Works, H. B. Fleming, Mgr., Fillmore Ave., Tonawanda, N. Y.
- North Star Varnish Co., G. D. Hough, Pres., 608 Vandalia, St. Paul, Minn.
- Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
- Oxford Varnish Corp., A. P. Tallman, Ch. Bd. of Dir., 350 Morris St., Toledo, Ohio.
- Palmer-Price Co., R. A. Luz, Treas., McWhorter & Chestnut St., Newark, N. J.
- Paraffine Cos. (Inc.), E. R. DeGraf, Mgr. paint Dept., 475 Brannan St., San Francisco, Calif.
- Parr Paint & Color Co., W. J. Parr, Pres., 18312 Syracuse Ave., Cleveland, Ohio.
- Patek Bros. (Inc.), W. O. Schwarz, V. Pres., 230 E. Water St., Milwaukee, Wis.
- Peaslee Gaulbert Paint & Varnish Co., H. Fitzpatrick, Asst. Mgr. trade sales, 223 N. 15th St., Louisville, Ky.
- Pecora Paint Co., S. B. Bowen, Pres., 3501 N. 4th St., Phila., Pa.
- Perry & Derrick Co. (Inc.), F. J. Derrick, Pres., 906 Central Ave., Cincinnati, Ohio.
- Phelan-Faust Paint Mfg. Co., J. E. Young, Mgr., 1215 Pine St., St. Louis, Mo.
- Phoenix Paint & Varnish Co., W. Gentry Hodgson, Sec., 124 Market St., Phila., Pa.
- Pittsburgh Plate Glass Co., H. E. Reeve, Agt., 2 Chester Ave., Newark, N. J.
- Porter Paint Co., Paul T. Eitel, Asst. Sec., 401 S. 14th St., Louisville, Ky.
- Red Spot Paint & Varnish Co., H. B. Bausland, Treas., 110 Main St., Evansville, Ind.
- Reliable Paint Co., W. E. Mullin, Pres., 906 E. Main St., Louisville, Ky.
- Republic Varnish Co., S. S. Long, Pres., 201 Thomas St., Newark, N. J.
- Ronan, T. J., Co. (Inc.), Arthur T. Ronan, V. Pres., 17 Atlantic Ave., Brooklyn, N. Y.
- St. Louis Surfacers & Paint Co., H. Davis, Pres., 4200 Arlington Ave., St. Louis, Mo.
- St. Paul White Lead & Oil Co., W. H. Sweeney, Treas., Water & Starkey Sts., St. Paul, Minn.
- Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va.
- Sargent-Gerke Co., W. H. Gerke, Pres., W. 15th & Big 4 R. R., Indianapolis, Ind.
- Scientific Production Corp., Philip G. Strong, V. Pres., 3852 Grand Cent. Terminal, New York, N. Y.
- Seidlitz Paint & Varnish Co., J. Hammond, V. Pres., 18th & Garfield Sts., Kansas City, Mo.
- Sewall Paint & Varnish Co., A. C. Bale, V. Pres., 1009 W. 8th St., Kansas City, Mo.
- Sheldon, Albert K., Albert K. Sheldon, Pres., 187 Broadway, Cambridge, Mass.
- Sipe, James B., & Co., J. C. Adlerly, V. Pres., 704 Chamber of Commerce Bldg., Pittsburgh, Pa.
- Solastic Products Co. (Inc.), Harold J. Rudd, Pres., 3018 9th Ave. S., Seattle, Wash.
- Sommers & Co. (Ltd.), J. Miners, Pres., 342 Madison Ave., New York, N. Y.
- Special Products Co., C. Littleton, owner, 2412 Trenton Ave., Bristol, Pa.
- Spruance, Gilbert Co., Gilbert Spruance, Pres., Richmond & Tioga Sts., Phila., Pa.
- Standard Paint & Lead Works (Inc.), A. C. Benstern, Treas., Willey Ave. on Big 4 R. R., Cleveland, Ohio.
- Sterling Paint Co., N. D. Bergeron, Gen. Mgr., 6460 Green St., Emeryville, Calif.
- Sterling Paint & Varnish Co., A. E. Cole, Pres., 170 Border St., East Boston, Mass.
- Stewart Bros. Paint Co., W. E. Stewart, Sec., 999 N. Union Ave., Alliance, Ohio.
- Stewart Paint Mfg. Co., E. Stewart, Pres., 1729 Second St., N. Minneapolis, Minn.
- Sunset Color Works, Reinhold H. Ivelli, Mgr. & Pres., 40 E. 1 South St., Salt Lake City, Utah.
- Suydam, M. B., Co., R. S. Suydam, Pres., Island & Preble Aves., Pittsburgh, Pa.
- Tampa Paint & Varnish Co., E. B. Cordon, Mgr., 104 Washington St., Tampa, Fla.
- Thompson & Co., J. L. Crowley, Supt., 857 W. North Ave., Pittsburgh, Pa.
- Thomson Wood Finishing Co., J. Binswanger, Tech. Dir., 829 N. Third St., Phila., Pa.
- Thresher Varnish Co., J. A. Pfanner, Sec., 1100 E. Monument Ave. Ext., Dayton, Ohio.
- Tibbetts, H. R., Paint Co., H. R. Tibbetts, V. Pres., 1616 E. 14th St., Los Angeles, Calif.
- Toch Bros. (Inc.), Maximilian Toch, V. Pres., 443 4th Ave., New York, N. Y.
- Tower Varnish & Dryer Co., C. G. Grimes, Sec., Dayton, Ohio.
- Tropical Paint & Oil Co., R. G. Hascall, Pres., 1240 W. 70th St., Cleveland, Ohio.
- Truscon Laboratories, J. J. Super, Asst. Gen. Mgr., Caniff Ave. & G. T. R. R., Detroit, Mich.
- Utley Paint Co. (Inc.), E. Nenwith, jr., 1126 Gravier St., New Orleans, La.
- Vallé Co., Dr. Cecilio Vallé, Pres., 4476 E. 71st St., Cleveland, Ohio.
- Varecraft Works (Inc.), F. A. Wertz, Prod. Mgr., Keim & Cross Sts., Pottstown, Pa.
- Wamblu Corp., Emil M. Blatau, Sec., 1326 Ridge Rd., Rochester, N. Y.
- Warren Paint & Color Co., Raymond A. Perry, V. Pres., 700 Wedgewood Ave., Nashville, Tenn.

- West Chemical & Paint Co., H. M. Sorrick, Pres., Springport, Mich.
 Western Paint & Varnish Co., J. C. Gelvant, V. Pres., foot of Herman Ave., Duluth, Minn.
 Wetherill, Geo. D., & Co. (Inc.), S. D. Davis, Tech. Dir., 113 Arch St., Phila., Pa.
 White Co., J. Benesch, Asst. Sec., Loney's Lane & Biddle St., Balto., Md.
 Wilson Paint Co., A. W. Schreineg, Sec., 410 Reading Rd., Cincinnati, Ohio.
- Witte, J. H., & Sons, William A. Witte, partner, Burlington, Iowa.
 Woolsey, C. A., Paint & Color Co., H. Woolsey, Sec., 500 Grand St., Jersey City, N. J.
 Yarnall Paint Co., Geo. B. Beitzel, V. Pres., Grays Ave., west of 54th St., Phila., Pa.
 Yates & Co., C. M. Yates, jr., Pres., 754 Folsom St., San Francisco, Calif.

Spec. 80, COAL-TAR PITCH FOR ROOFING

- American Tar Products Co., E. O. Rhodes, Chem. Dir., Union Trust Bldg., Pittsburgh, Pa.
 Barrett Co., R. N. Mahon, V. Pres., 40 Rector St., New York, N. Y.
 Berkheimer, J. E., Mfg. Co., J. A. Delaney, Sec., 2928 S. M St., Tacoma, Wash.
 Cabot, Samuel (Inc.), M. G. Bennett, Treas., 141 Milk St., Boston, Mass.
 Certainteed Products Corp., S. R. Walker, V. Pres., 100 E. 42nd St., New York, N. Y.
 Continental Roofing & Mfg. Co., 16th St., & 2nd Ave., Balto., Md.
 Coopers Creek Chemical Co., R. J. Titzel, V. Pres., W. Conshohocken, Pa.
 Crowley Tar Products Co., D. L. Crowley, Gen. Mgr., 415 Lexington Ave., New York, N. Y.
 Garrett, C. S., & Son Corp., W. R. Cole, V. Pres., 20 S. Marshall St., Phila., Pa.
 Jamestown Wood Finishing Co. (Inc.), J. R. Hartley, Pres., Blackstone Ave., Jamestown, N. Y.
- Jennison-Wright Co., C. R. Faben, Mgr. Tar Prod. Dept., 2463 Broadway, Toledo, Ohio.
 Klein Mfg. Co., H. H. Jaenlee, Sec., 402 Perry Payne Bldg., Cleveland, Ohio.
 Lewis, F. J., Mfg. Co., E. F. Curda, V. Pres., 2500 S. Robey St., Chicago, Ill.
 Miller & Graham, F. D. Graham, Mem. firm, 21 S. Gay St., Balto., Md.
 Murray, Alexander, & Co. (Ltd.), Canada Cement Bldg., Montreal, Canada.
 Nelson, B. F., Mfg. Co., C. E. Sager, Sec., 401 Main St., N. E., Minneapolis, Minn.
 Sherwin Williams Co., A. Larkins, Mgr. Gov. Sales, 601 Canal Rd., Cleveland, Ohio.
 Sifo Products Co., 1120 E. 7th St., St. Paul, Minn.
 Tar Products Corp., B. D. Gill, V. Pres., 99 Empire St., Providence, R. I.
 Watson, H. F., Co., E. 16th St., Erie, Pa.
 Zophar Mills (Inc.), H. J. Blank, Pres., 587 Court St., Brooklyn, N. Y.

Spec. 81, COAL TAR SATURATED RAG FELT FOR ROOFING AND WATERPROOFING

- American Tar Products Co., E. O. Rhodes, Chem. Dir., Union Trust Bldg., Pittsburgh, Pa.
 Barrett Co., R. N. Mahon, V. Pres., 40 Rector St., New York, N. Y.
 Berkheimer, J. E., Mfg. Co., J. A. Delaney, Sec., 2928 S. M St., Tacoma, Wash.
 Cabot, Samuel (Inc.), M. G. Bennett, Treas., 141 Milk St., Boston, Mass.
 Certainteed Products Corp., S. R. Walker, V. Pres., 100 E. 42nd, New York, N. Y.
 Continental Roofing & Mfg. Co., 16th St. & 2nd Ave., Balto., Md.
- Crowley Tar Products Co., D. L. Crowley, Gen. Mgr., 415 Lexington Ave., New York, N. Y.
 Garrett, C. S., & Son Corp., W. R. Cole, V. Pres., 20 S. Marshall St., Phila., Pa.
 Lewis, F. J., Mfg. Co., E. F. Curda, V. Pres., 2500 S. Robey St., Chicago, Ill.
 Murray, Alexander & Co. (Ltd.), Canada Cement Bldg., Montreal, Canada.
 National Roofing Mfg. Co., H. O. Ruby, Sec., 44 S. George St., York, Pa.
 Sifo Products Co., 1120 E. 7th St., St. Paul, Minn.
 Watson, H. F., Co., E. 16th St., Erie, Pa.

Spec. 82, SURFACING MATERIALS FOR BITUMINOUS BUILT-UP ROOFING

- American Asphalt Roof Corp., 15th St., & Blue River, Kansas City, Mo.
 Barber Asphalt Co., 1600 Arch St., Phila., Pa.
 Berkheimer, J. E., Mfg. Co., J. A. Delaney, Sec., 2928 So. M St., Tacoma, Wash.
 Continental Roofing and Mfg. Co., 16th St., & 2d Ave., Balto., Md.
 Eagle Paint & Varnish Co., Otto Greenberg, Pres., 10211 Harvard Ave., Cleveland, Ohio.
 Garrett, C. S., & Son Corp., W. R. Cole, V. Pres., 20 S. Marshall St., Phila., Pa.
 Goheen Corp. of New Jersey, N. L. Ludeau, Sec., 202 Emmet St., Newark, N. J.
 Hetzel, J. G., Estate, Thos. A. F. Baudermann, sales Mgr., 67 Maine St., Newark, N. J.
 Los Angeles Chemical Co., James J. Haprov, V. Pres., 2200 Santa Fe Ave., Los Angeles, Calif.
- Murray, Alexander, & Co., (Ltd.), Canada Cement Bldg., Montreal, Canada.
 Pen Mar Co. (Inc.), E. H. Thompson, Gen. Mgr., 323 Munsey Bldg., Balto., Md.
 Pioneer Paper Co., 55th & Alameda Sts., Los Angeles, Calif.
 Ruberoid Co., 95 Madison Ave., New York, N. Y.
 Sall Mountain Co., 140 S. Dearborn St., Chicago, Ill.
 Sifo Products Co., 1120 E. 7th St., St. Paul, Minn.
 Tar Products Corp., M. D. Gill, V. Pres., 99 Empire St., Providence, R. I.
 Watson, H. F., Co., E. 16th St., Erie, Pa.
 Zophar Mills (Inc.), Harry J. Blank, Pres., 587 Court St., Brooklyn, N. Y.

Spec. 83, COAL-TAR PITCH FOR WATERPROOFING AND DAMP PROOFING

- American Tar Products Co., E. O. Rhodes, Chem. Dir., Union Trust Bldg., Pittsburgh, Pa.
 Barrett Co., R. V. Mahon, V. Pres., 40 Rector St., New York, N. Y.
 Berkheimer, J. E., Mfg. Co., J. A. Delaney, Sec., 2928 S. M St., Tacoma, Wash.
 Cabot, Samuel (Inc.), M. G. Bennett, Treas., 141 Milk St., Boston, Mass.
 Continental Roofing & Mfg. Co., 16th St. & 2nd Ave., Balto., Md.
 Coopers Creek Chemical Co., R. J. Titzel, V. Pres., W. Conshohocken, Pa.
 Crowley Tar Products Co., D. L. Crowley, Gen. Mgr., 415 Lexington Ave., New York, N. Y.
 Garrett, C. S., & Son Corp., W. R. Cole, V. Pres., 20 S. Marshall St., Phila., Pa.
 Jamestown Wood Finishing Co. (Inc.), J. R. Hartley, Pres., Blackstone Ave., Jamestown, N. Y.
 Jennison-Wright Co., C. R. Faben, Mgr. Tar Prod. Dept., 2463 Broadway, Toledo, Ohio.
 Klein Mfg. Co., H. A. Jaenlee, Sec., 402 Perry-Payne Bldg., Cleveland, Ohio.
 Lewis, F. J., Mfg. Co., E. F. Curda, V. Pres., 2500 S. Robey St., Chicago, Ill.
 Murray, Alexander, & Co. (Ltd.), Canada Cement Bldg., Montreal, Canada.
 Nelson, B. F., Mfg. Co., C. E. Sager, Sec., 401 Main St., N. E., Minneapolis, Minn.
 Sherwin Williams Co., A. Larkins, Mgr., Govt. sales, 601 Canal Rd., Cleveland, Ohio.
 Sifo Products Co., 1120 E. 7th St., St. Paul, Minn.
 Tar Products Corp., B. D. Gill, V. Pres., 99 Empire St., Providence, R. I.
 Watson, H. F., Co., E. 16th St., Erie, Pa.
 Zophar Mills (Inc.), H. J. Blank, Pres., 587 Court St., Brooklyn, N. Y.

Spec. 84, ASPHALT FOR MINERAL-SURFACED ROOFING

- American Asphalt Roof Corp., 15th St. & Blue River, Kansas City, Mo.
 Barber Asphalt Co., 1600 Arch St., Phila., Pa.
 Barrett Co., R. V. Mahon, V. Pres., 40 Rector St., New York, N. Y.
 Beaver Products Co., Beaver Rd., Buffalo, N. Y.
 Beckman-Dawson Roofing Co., 223 W. Jackson Blvd., Chicago, Ill.
 Berkheimer, J. E., Mfg. Co., J. A. Delaney, Sec., 2928 S. M St., Tacoma, Wash.
 Bird & Son, 1472 W. 76th St., Chicago, Ill.
 Byerlyte Co., D. N. Myers, Gen. Mgr., 2484 W. 4th St., Cleveland, Ohio.
 Carey Philip, Co., E. Puse, Sec., Lockland, Ohio.
 Certain-teed Products Corp., L. R. Walker, V. Pres., 100 E. 42nd St., New York, N. Y.
 Chatfield Mfg. Co., 3d & Plum Sts., Cincinnati, Ohio.
 Continental Roofing & Mfg. Co., 16th St. & 2d Ave., Balto., Md.
 Flintkote Co., 122 Michigan Ave., Chicago, Ill.
 Ford Roofing Products Co., 529 S. Franklin St., Chicago, Ill.
 Frost Paint & Oil Co., H. S. Frost, Sec., 1209 Tyler St., N. E., Minneapolis, Minn.
 Garrett, C. S., & Son Corp., W. R. Cole, V. Pres., 20 S. Marshall St., Phila., Pa.
 Goheen Corp. of New Jersey, M. L. Ludeau, Sec., 202 Emmet St., Newark, N. J.
 Johns-Manville Corp., C. E. Horton, Asst. Treas., 292 Madison Ave., New York, N. Y.
 Klein Mfg. Co., H. H. Jaenlee, Sec., 402 Perry-Payne Bldg., Cleveland, Ohio.
 Knapp, E. J., Co., C. H. Knapp, Pres., Belding, Mich.
 Lehon Co., 44th & Oakley Ave., Chicago, Ill.
 Lewis Asphalt Engineering Corp., R. W. Lewis, Pres., 30 Church St., New York, N. Y.
 Lockport Paper Co., Lockport, N. Y.
 Logan-Long Co., 37 W. Van Buren St., Chicago, Ill.
 Midwest Refining Co., H. B. Carpenter, Mgr. asphalt Dept. 1st Nat. Bank Bldg., Denver, Colo.
 Murray, Alexander & Co., (Ltd.), Canada Cement Bldg., Montreal, Canada.
 National Asbestos Mfg. Co., C. S. Brooks, V. Pres., 163 Henderson St., Jersey City, N. J.
 National Roofing Co., P. Bennett, sales Mgr., Tonawanda, N. Y.
 Nelson, B. F., Mfg. Co., C. E. Sager, Sec., 401 Main St., N. E., Minneapolis, Minn.
 Ohmlac Paint & Refining Co., L. F. Linaley, owner, 140 S. Dearborn, Chicago, Ill.
 Pen Mar Co. (Inc.), E. H. Thompson, Gen. Mgr., 323 Munsey Bldg., Balto., Md.
 Pioneer Paper Co., 55th & Alameda Sts., Los Angeles, Calif.
 Ruberoid Co., 95 Madison Ave., New York, N. Y.
 Safepack Mills, Millis, Mass.
 Sall Mountain Co., 140 S. Dearborn St., Chicago, Ill.
 Sifo Products Co., 1120 E. 7th St., St. Paul, Minn.
 Standard Oil Co. (Calif.), J. K. Jirth, jr., Mgr. Fuel, Oil & asphalt Div., 225 Bush St., San Francisco, Calif.
 Standard Oil. (Ind.), C. C. Lakin, Mgr. asphalt Dept., 910 S. Mich. Ave., Chicago, Ill.
 Standard Oil Co. (N. J.), C. G. Sheffield, asphalt Dept., 26 Broadway, New York, N. Y.
 Watson, H. F., Co., E. 16th St., Erie, Pa.
 Zophar Mills (Inc.), H. J. Blank, Pres., 587 Court St., Brooklyn, N. Y.

Spec. 85, ASPHALT FOR WATERPROOFING AND DAMP PROOFING

- American Asphalt Roof Corp., 15th St. & Blue River, Kansas City, Mo.
 Asphalt Roofing Products Co. (Inc.), J. E. Cassidy, Pres., 815 15th St., Washington, D. C.
 Barber Asphalt Co., 1600 Arch St., Phila., Pa.
 Barrett Co., R. V. Mahon, V. Pres., 40 Rector St., New York, N. Y.
 Beacon Oil Co. (Inc.), L. J. Walsh, V. Pres., 30 Beacham St., Everett, Mass.
 Beaver Products Co., Beaver Rd., Buffalo, N. Y.
 Beckman-Dawson Roofing Co., 223 W. Jackson Blvd., Chicago, Ill.
 Berkheimer, J. E., Mfg. Co., J. A. Delaney, Sec., 2928 S. M St., Tacoma, Wash.
 Bird & Son, 1472 W. 76th St., Chicago, Ill.
 Byerlyte Co., D. N. Myers, Gen. Mgr., 2484 W. 4th St., Cleveland, Ohio.
 Carey, Philip, Co., E. Puse, Sec., Lockland, Ohio.
 Chacon Trading Co., R. M. A. Chacon, Gen. Mgr., 82 Beaver St., New York, N. Y.
 Chatfield Mfg. Co., 3d & Plum Sts., Cincinnati, Ohio.
 Continental Roofing & Mfg. Co., 16th St. & 2d Ave., Balto., Md.

- Eagle Paint & Varnish Co., O. Greenberg, Pres., 10211 Harvard Ave., Cleveland, Ohio.
 Eclipse Paint & Color Co., C. P. Cox, Sales Mgr., 105 N. 7th, St. Louis, Mo.
 Flintkote Co., 122 Michigan Ave., Chicago, Ill.
 Ford Roofing Products Co., 529 S. Franklin St., Chicago, Ill.
 Frost Paint & Oil Co., H. S. Frost, Sec., 1209 Tyler St., NE., Minneapolis, Minn.
 Garrett, C. S., & Son Corp., W. R. Cole, V. Pres., 20 S. Marshall St., Phila., Pa.
 Goheen Corp. of N. J., N. L. Ludeau, Sec., 202 Emmet St., Newark, N. J.
 Hampden Paint & Chemical Co., C. C. Carlson, Asst. Treas., Springfield, Mass.
 Johns-Manville Corp., C. E. Horton, Asst. Treas., 292 Madison Ave., New York, N. Y.
 Joseph Mfg. Co., J. S. Pedrick, owner, 122 Chestnut Ave., Woodlynne, N. J.
 Keystone Roofing Mfg. Co., York, Pa.
 Klein Mfg. Co., H. A. Jaenlee, Sec., 402 Perry-Payne Bldg., Cleveland, Ohio.
 Knapp, E. J., Co., Clifford H. Knapp, Pres., Belding, Mich.
 Lehon Co., 44th & Oakley Ave., Chicago, Ill.
 Lewis Asphalt Engineering Corp., R. W. Lewis, Pres., 30 Church St., New York, N. Y.
 Lockport Paper Co., Lockport, N. Y.
 Logan-Long Co., 37 W. Van Buren St., Chicago, Ill.
 Midwest Refining Co., H. B. Carpenter, Mgr., asphalt dept., 1st Nat. Bank Bldg., Denver, Colo.
 Murray, Alexander & Co. (Ltd.), Canada Cement Bldg., Montreal, Canada.
 National Roofing Co., Paul Bennett, sales Mgr., Tonawanda, N. Y.
 Nelson, B. F., Mfg. Co., Carl E. Sager, Sec., 401 Main St., N. E., Minneapolis, Minn.
 No-Leak Roofing & Paint Co., R. A. Burch, Pres., Beechwood Ave., Toledo, Ohio.
 Ohmlac Paint & Refining Co., L. F. Linaley, owner, 140 S. Dearborn St., Chicago, Ill.
 Pan American Petroleum Co., J. R. Keane, Mgr. fuel oil & asphalt sales, 10th & Flower Sts., Los Angeles, Calif.
 Pen Mar Co. (Inc.), E. H. Thompson, Gen. Mgr., 323 Munsey Bldg., Balto., Md.
 Pioneer Asphalt Co., J. Young, Pres., 251 Front St., New York, N. Y.
 Pioneer Paper Co., 55th & Alameda Sts., Los Angeles, Calif.
 Ruberoid Co., 95 Madison Ave., New York, N. Y.
 Safepack Mills, Millis, Mass.
 Sall Mountain Co., 140 S. Dearborn St., Chicago, Ill.
 Sifo Products Co., 1120 E. 7th St., St. Paul, Minn.
 Sinclair Refining Co. of La. (Inc.), F. W. Froley, 916 New Orleans Bank Bldg., New Orleans, La.
 Standard Oil Co. (Calif.), J. K. Jirth, jr., Mgr. fuel oil & asphalt Div., 225 Bush St., San Francisco, Calif.
 Standard Oil Co. (N. J.), C. G. Sheffield, asphalt Dept., 26 Broadway, New York, N. Y.
 Standard Oil Co. (N. Y.), B. L. Boye, Ass't. Mgr., road oil & asphalt Dept., 26 Broadway, New York, N. Y.
 Star Paint & Varnish Co., A. B. Shaw, Mgr., 1530 E. 115th St., Cleveland, Ohio.
 Watson, H. F., Co., E. 16th St., Erie, Pa.
 Zophar Mills (Inc.), Harry J. Blank, Pres., 587 Court St., Brooklyn, N. Y.

Spec. 86, ASPHALT-SATURATED RAG FELT FOR ROOFING AND WATERPROOFING

- American Asphalt Roof Corporation, 15th St. & Blue River, Kansas City, Mo.
 Barber Asphalt Co., 1600 Arch St., Phila., Pa.
 Barrett Co., R. V. Mahon, V. Pres., 40 Rector St., New York, N. Y.
 Beaver Products Co., Beaver Rd., Buffalo, N. Y.
 Beckman-Dawson Roofing Co., 223 W. Jackson Blvd., Chicago, Ill.
 Berkheimer, J. E., Mfg. Co., J. A. Delaney, Sec., 2928 S. M St., Tacoma, Wash.
 Bird & Son, 1472 W. 76th St., Chicago, Ill.
 Byerlyte Co., D. N. Myers, Gen. Mgr., 2484 W. 4th St., Cleveland, Ohio.
 Carey, Philip, Co., E. Puse, Sec., Lockland, Ohio.
 Certain-teed Products Corp., L. R. Walker, V. Pres., 100 E. 42d St., New York, N. Y.
 Chatfield Mfg. Co., 3d & Plum Sts., Cincinnati, Ohio.
 Continental Roofing & Mfg. Co., 16th St. & 2d Ave., Balto., Md.
 Flintkote Co., 122 Michigan Ave., Chicago, Ill.
 Ford Roofing Products Co., 529 S. Franklin St., Chicago, Ill.
 Garrett, C. S., & Son Corp., W. R. Cole, V. Pres., 20 S. Marshall St., Phila., Pa.
 Johns-Manville Corp., C. E. Horton, Asst. Treas., 292 Madison Ave., New York, N. Y.
 Keystone Roofing Mfg. Co., York, Pa.
 Lehon Co., 44th & Oakley Ave., Chicago, Ill.
 Lockport Paper Co., Lockport, N. Y.
 Logan-Long Co., 37 W. Van Buren St., Chicago, Ill.
 Midwest Refining Co., H. B. Carpenter, Mgr., asphalt dept., 1st Nat. Bank Bldg., Denver, Colo.
 Murray, Alexander & Co. (Ltd.), Canada Cement Bldg., Montreal, Canada.
 National Asbestos Mfg. Co., C. S. Brooks, V. Pres., 163 Henderson St., Jersey City, N. J.
 National Roofing Co., Paul Bennett, sales mgr., Tonawanda, N. Y.
 National Roofing Mfg. Co., H. O. Ruby, Sec., 44 S. George St., York, Pa.
 Nelson, B. F., Mfg. Co., C. E. Sager, Sec., 401 Main St., N. E., Minneapolis, Minn.
 Pen Mar Co. (Inc.), E. H. Thompson, Gen. Mgr., 323 Munsey Bldg., Balto., Md.
 Pioneer Paper Co., 55th & Alameda Sts., Los Angeles, Calif.
 Ruberoid Co., 95 Madison Ave., New York, N. Y.
 Safepack Mills, Millis, Mass.
 Sall Mountain Co., 140 S. Dearborn St., Chicago, Ill.
 Sifo Products Co., 1120 E. 7th St., St. Paul, Minn.
 Watson, H. F., Co., E. 16th St., Erie, Pa.
 Weaver-Henry Mfg. Co., 2440 E. 8th St., Los Angeles, Calif.
 Weaver Wall Co., 3700 Brookpark Rd., Cleveland, Ohio.

Spec. 87, ASPHALT PRIMER FOR ROOFING AND WATERPROOFING

- American Asphalt Paint Co., Grover M. Hermann, dir. sales, 844 Rush St., Chicago, Ill.
 American Asphalt Roof Corp., 15th St. & Blue River, Kansas City, Mo.
 Ashland Paint Co., E. W. Miller, Gen. Mgr., Huntington, W. Va.
 Asphalt Roofing Products Co. (Inc.), J. Edward Cassidy, Pres., 815 15th St., Washington, D. C.
 Barber Asphalt Co., 1600 Arch St., Phila., Pa.
 Barrett Co., R. V. Mahon, V. Pres., 40 Rector St., New York, N. Y.
 Beaver Products Co., Beaver Rd., Buffalo, N. Y.
 Beckman-Dawson Roofing Co., 223 W. Jackson Blvd., Chicago, Ill.
 Berkheimer, J. E., Mfg. Co., J. A. Delaney, Sec., 2928 S. M St., Tacoma, Wash.
 Bird & Son, 1472 W. 76th St., Chicago, Ill.
 Briggs Bituminous Composition Co. (Inc.), A. A. Hughes, Sec., 33 Rector St., New York, N. Y.
 Buckeye Paint & Varnish Co., P. F. Whalen, jr., V. Pres., 15th and Lucas Sts., Toledo, Ohio.
 Bylerlyte Co., D. N. Myers, Gen. Mgr., 2484 W. 4th St., Cleveland, Ohio.
 Carey, Philip, Co., E. Puse, Sec., Lockland, Ohio.
 Chatfield Mfg. Co., 3d & Plum Sts., Cincinnati, Ohio.
 Continental Roofing & Mfg. Co., 16th St. & 2d Ave., Balto., Md.
 Eclipse Paint & Color Co., C. P. Cox, sales mgr., 105 N. 7th St., St. Louis, Mo.
 Elliott Varnish Co., H. A. Rowland, Pres., 4525 Fifth Ave., Chicago, Ill.
 Flintkote Co., 122 Michigan Ave., Chicago, Ill.
 Ford Roofing Products Co., 529 S. Franklin St., Chicago, Ill.
 Frost Paint & Oil Co., H. S. Frost, Sec., 1209 Tyler St., N. E., Minneapolis, Minn.
 Garrett, C. S., & Son Corp., W. R. Cole, V. Pres., 20 S. Marshall St., Phila., Pa.
 Goheen Corp. of N. J., N. L. Ludeau, Sec., 202 Emmet Street, Newark, N. J.
 Johns-Manville Corp., C. E. Horton, Asst. Treas., 292 Madison Ave., New York, N. Y.
 Joseph Mfg. Co., Joseph S. Pedrick, owner, 122 Chestnut Ave., Woodlyne, N. J.
 Klein Mfg. Co., H. H. Jaenlee, Sec., 402 Perry-Payne Building, Cleveland, Ohio.
 Lastik Products Corp., H. Amwake, V. Pres., Clyde at P. R. R. Crossing, Wampum, Pa.
 Lehon Co., 44th & Oakley Ave., Chicago, Ill.
 Lewis Asphalt Engineering Corp., R. W. Lewis, Pres., 30 Church St., New York, N. Y.
 Lockport Paper Co., Lockport, N. Y.
 Logan-Long Co., 37 W.-Van Buren St., Chicago, Ill.
 Merkin, M. J., Paint Co. (Inc.), Edward Burger, Gen. Mgr., 25 Spruce St., New York, N. Y.
 Midwest Refining Co., H. B. Carpenter, Mgr., Asphalt Dept., 1st Nat. Bank Bldg., Denver, Colo.
 Missouri Paint & Varnish Co., J. V. Frank, V. Pres., 5125 N. 2d Street, St. Louis, Mo.
 Murray, Alexander, & Co. (Ltd.), Canada Cement Bldg., Montreal, Canada.
 National Asbestos Mfg. Co., C. S. Brooks, V. Pres., 163 Henderson St., Jersey City, N. J.
 National Roofing Co., Paul Bennett, sales Mgr., Tonawanda, N. Y.
 Nelson, B. F., Mfg. Co., Carl E. Sager, Sec., 401 Main St., N. E., Minneapolis, Minn.
 No-Leak Roofing & Paint Co., R. A. Bruch, Pres., Beechwood Ave., Toledo, Ohio.
 Ohmlac Paint & Refining Co., L. F. Linaley, Pres., 140 S. Dearborn St., Chicago, Ill.
 Pan American Petroleum Co., J. R. Keane, Mgr., fuel oil & asphalt sales Dept., 10th and Flower Sts., Los Angeles, Calif.
 Pioteer Asphalt Co., John Young, Pres., 251 Front St., New York, N. Y.
 Pioneer Paper Co., 55th & Alameda Sts., Los Angeles, Calif.
 Rezilite Mfg. Co., Thomas Mack, Prop., 122 S. Michigan Ave., Chicago, Ill.
 Ruberoid Co., 95 Madison Ave., New York, N. Y.
 Sall Mountain Co., 140 S. Dearborn St., Chicago, Ill.
 Sifo Products Co., 1120 E. 7th St., St. Paul, Minn.
 Solar Compounds Corp., S. N. Hersloff, Treas., Whittier St., Linden, N. J.
 Standard Oil Co. (Ind.), C. C. Lakin, Mgr. asphalt & road oil Dept., 910 S. Michigan Ave., Chicago, Ill.
 Standard Oil Co. (N. J.), C. G. Sheffield, asphalt Dept., 26 Broadway, New York, N. Y.
 Star Paint & Varnish Co., A. B. Shaw, Mgr., 1530 E. 115th St., Cleveland, Ohio.
 Suydam, M. B., Co., R. S. Suydam, Pres., Preble and Island Aves., Pittsburgh, Pa.
 Watson Co., H. F., E. 16th St., Erie, Pa.
 Weaver Henry Mfg. Co., 2440 E. 8th St., Los Angeles, Calif.
 Zophar Mills (Inc.), Harry J. Blank, Pres., 587 Court St., Brooklyn, N. Y.

Spec. 88, ASPHALT FOR UNSURFACED BUILT-UP ROOFING

- American Asphalt Roof Corp., 15th St. & Blue River, Kansas City, Mo.
 Barber Asphalt Co., 1600 Arch St., Phila., Pa.
 Barrett Co., R. V. Mahon, V. Pres., 40 Rector St., New York, N. Y.
 Beaver Products Co., Beaver Rd., Buffalo, N. Y.
 Beckman-Dawson Roofing Co., 223 W. Jackson Blvd., Chicago, Ill.
 Berkheimer, J. E., Mfg. Co., J. A. Delaney, Sec., 2928 S. M St., Tacoma, Wash.
 Bird & Son, 1472 W. 76th St., Chicago, Ill.
 Byerlyte Co., D. N. Myers, Gen. Mgr., 2484 W. 4th St., Cleveland, Ohio.
 Carey, Philip, Co., E. Puse, Sec., Lockland, Ohio.
 Certain-teed Products Corp., L. R. Walker, V. Pres., 100 E. 42nd St., New York, N. Y.
 Chatfield Mfg. Co., 3d & Plum Sts., Cincinnati, Ohio.
 Continental Roofing & Mfg. Co., 16th St. & 2d Ave., Balto., Md.
 Eclipse Paint & Color Co., C. P. Cox, Sales Mgr., 105 N. 7th St., St. Louis, Mo.
 Flintkote Co., 122 Michigan Ave., Chicago, Ill.
 Ford Roofing Products Co., 529 S. Franklin St., Chicago, Ill.
 Garrett, C. S., & Son Corp., W. R. Cole, V. Pres., 20 S. Marshall St., Phila., Pa.
 Johns-Manville Corp., C. E. Horton, Asst. Treas., 292 Madison Ave., New York, N. Y.
 Keystone Roofing Mfg. Co., York, Pa.
 Klein Mfg. Co., H. A. Jaenlee, Sec., 402 Perry-Payne Bldg., Cleveland, Ohio.

- Lehon Co., 44th & Oakley Ave., Chicago, Ill.
 Lewis Asphalt Engineering Corp., R. W. Lewis, Pres., 30 Church St., New York, N. Y.
 Lockport Paper Co., Lockport, N. Y.
 Logan-Long Co., 37 W. Van Buren St., Chicago, Ill.
 Midwest Refining Co., H. B. Carpenter, Mgr., asphalt Dept., 1st Nat. Bank Bldg., Denver, Colo.
 Murray, Alexander, & Co. (Ltd.), Canada Cement Bldg., Montreal, Canada.
 National Asbestos Mfg. Co., C. S. Brooke, V. Pres., 163 Henderson St., Jersey City, N. J.
 National Roofing Co., P. Bennett, sales Mgr., Tonawanda, N. Y.
 Nelson, B. F., Mfg. Co., Carl E. Sager, Sec., 401 Main St., N. E., Minneapolis, Minn.
 New Orleans Refining Co. (Inc.), L. W. Law, Mgr., asphalt sales Dept., 900 United Fruit Bldg., New Orleans, La. (Grade 1 only.)
 Ohmlac Paint & Refining Co., L. F. Linaley, Pres., 140 S. Dearborn St., Chicago, Ill.
 Pan American Petroleum Co., J. R. Keane, Mgr., fuel oil & asphalt sales Dept., 10th & Flower Sts., Los Angeles, Calif.
 Pen Mar Co. (Inc.), E. H. Thompson, Gen. Mgr., 323 Munsey Bldg., Balto., Md.
 Pioneer Asphalt Co., J. Young, Pres., 251 Front St., New York, N. Y.
 Pioneer Paper Co., 55th & Alameda Sts., Los Angeles, Calif.
 Ruberoid Co., 96 Madison Ave., New York, N. Y.
 Safehack Mills, Millis, Mass.
 Sall Mountain Co., 140 S. Dearborn St., Chicago, Ill.
 Sifo Products Co., 1120 E. 7th St., St. Paul, Minn.
 Sinclair Refining Co. of La. (Inc.), F. W. Froley, 916 New Orleans Bank Bldg., New Orleans, La.
 Standard Oil Co. (Ind.), C. C. Lakin, Mgr., asphalt & road oil Dept., 910 S. Michigan Ave., Chicago, Ill.
 Standard Oil Co. (N. J.), C. G. Sheffield, asphalt Dept., 26 Broadway, New York, N. Y.
 Standard Oil Co. (N. Y.), B. L. Boye, Asst. Mgr., 26 Broadway, New York, N. Y. (Grade 1 only.)
 Star Paint & Varnish Co., A. B. Shaw, Mgr., 1530 E. 115th St., Cleveland, Ohio.
 Watson, H. F., Co., E. 16th St., Erie, Pa.
 Zophar Mills (Inc.), H. J. Blank, Pres., 587 Court St., Brooklyn, N. Y.

Spec. 93, ASBESTOS-COPPER GASKETS, CORRUGATED

- Akron Metallic Gasket Co., C. H. Kinzel, Mgr., 150 N. Union St., Akron, Ohio.
 Colossus Industries (Inc.), J. R. Russell, Pres., 207 Crockett St., Shreveport, La.
 McCord Radiator & Mfg. Co., Ford Wilders, 2588 E. Grand Blvd., Detroit, Mich.
 Metallo Gasket Co., Zeno Schultes, Pres., 12 Bethany St., New Brunswick, N. J.
 Phoenix Specialty Mfg. Co., A. H. Lowman, Sec., 155 Wooster St., New York, N. Y.
 Strong Machinery & Supply Co., Chas. E. Strong, Pres., 121 Spring St., New York, N. Y.
 United States Indestructibel Gasket Co., Louis J. Rebelle, Sec., 829 E. 15th St., Brooklyn, N. Y.

Spec. 95, ASBESTOS VALVE STEM PACKING

- Anchor Packing Co., W. R. Haggart, V. Pres., 1014 Arch St., Phila., Pa.
 Asbestos Fibre Spinning Co., Wm. H. Huber, Pres., Elm Ave., North Wales, Pa.
 Asbestos Textile Co., Frank Smith, Asst. Sec., 475 Fifth Ave., New York, N. Y.
 Braiding & Packing Works of America, A. L. Marks, Treas., 250 46th St., Brooklyn, N. Y.
 Chesterton, A. W., Co., A. W. Chesterton, Pres., 64 India St., Boston, Mass.
 Colossus Industries (Inc.), J. R. Russell, Pres., 207 Crockett St., Shreveport, La.
 Consolidated Packing & Supply Co., G. A. Wismer, Pres., 21 Barclay St., New York, N. Y.
 Crandall Packing Co., A. R. Gillman, Treas., Palmyra, N. Y.
 Dickson, Stewart, & Co. (Inc.), Stewart Dickson, Pres., 116 Broad St., New York, N. Y.
 Excel Asbestos Mfg. Co., Wm. Blank, Gen. Mgr., 403 South Ave., Garwood, N. J.
 Federal Metallic Packing Co., R. H. Osborn, Gen. Mgr., Foundry St., Wakefield, Mass.
 General Asbestos & Rubber Co., E. H. Jeffords, V. Pres., P. O. Box, 67, North Charleston, S. C.
 Greene, Tweed & Co., Willard R. Platt, Pres., 109 Duane St., New York, N. Y.
 Hewitt-Gutta Percha Rubber Corp., F. V. Springer, V. Pres., 240 Kensington Ave., Buffalo, N. Y.
 Johns-Manville Corp., J. Newman, Asst. Treas., 292 Madison Ave., New York, N. Y.
 Keasbey Mattison Co., J. M. Weaver, Gen. Mgr., Ambler, Pa.
 Mikesell Co., H. S. Mikesell, Pres., 1223 S. Wabash Ave., Chicago, Ill.
 National Asbestos Packing Mfg. Co. (Inc.), Fred. W. Blank, Pres., 28½-30 Front St., New York, N. Y.
 Philadelphia, Asbestos Co., Jas. Davis, jr., Sec., 2010 N. 10th St., Phila., Pa.
 Quaker City Rubber Co., H. R. Shellenberger, Sec., Comly & Milnor St., Phila., Pa.
 Raybestos Co., Morton F. Judd, V. Pres., Railroad & Bostwick Ave., Bridgeport, Conn.
 Standard Packings Co., Ernest H. Smith, Pres., 6523 Euclid Ave., Cleveland, Ohio.
 Strong Machinery & Supply Co., Chas. E. Strong, Pres., 121 Spring St., New York, N. Y.
 Union Asbestos & Rubber Co., C. Morin, Sec., 1821 S. 54th Ave., Cicero, Ill.
 United States Asbestos Co., O. H. Cillry, Steigel St., Manheim, Pa.
 Whitney, Jos. A., Jos. A. Whitney, 333 Arch St., Camden, N. J.

Spec. 99, FABRIC CONDENSER TUBE PACKING

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| Anchor Packing Co., W. R. Haggart, V. Pres.,
1014 Arch St., Phila., Pa. | Kotten Machine Co. (Inc.), George W. Knappmann,
Pres., 170 34th St., Brooklyn, N. Y. |
| Dickson, Stewart, & Co. (Inc.), Stewart Dickson,
Pres., 116 Broad St., New York, N. Y. | Mikesell Co., H. S. Mikesell, Pres., 1223 S. Wabash
Ave., Chicago, Ill. |
| Hewitt-Gutta Percha Rubber Corp., F. V. Springer,
V. Pres., 240 Kensington Ave., Buffalo, N. Y. | Strong Machinery & Supply Co., Chas. E. Strong,
Pres., 121 Spring St., New York, N. Y. |

Spec. 100, FIBER PACKING FOR LUBRICATING AND FUEL OIL

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| American Rubber Mfg. Co., G. J. Krattign, Sec.,
Park Ave., & Watts St., Oakland, Calif. | Consolidated Packing & Supply Co., G. A. Wismer,
Pres., 21 Barclay St., New York, N. Y. |
| Anchor Packing Co., W. R. Haggart, V. Pres.,
1014 Arch St., Phila., Pa. | Dickson, Stewart, & Co. (Inc.), Stewart Dickson,
Pres., 116 Broad St., New York, N. Y. |
| Asbestos Textile Co., Frank Smith, Asst. Sec.,
475 Fifth Ave., New York, N. Y. | Hewitt-Gutta Percha Rubber Corp., F. V. Springer,
V. Pres., 240 Kensington Ave., Buffalo, N. Y. |
| Baeder Adamson Co., Geo. H. Halpin, V. Pres.,
Richmond St. Allegheny Ave., Phila., Pa. | Johns-Manville Corp., J. Newman, Asst. Treas.,
292 Madison Ave., New York, N. Y. |
| Cleveland Gasket & Mfg. Co., Henry A. Lindsley,
Owner, 1602 W. 116th St., Cleveland, Ohio. | Strong Machinery & Supply Co., Chas. E. Strong,
Pres., 121 Spring St., New York, N. Y. |
| Colossus Industries (Inc.), J. R. Russell, Pres.,
207 Crockett St., Shreveport, La. | Vellumoid Co., G. C. Beale, Treas., 54 Rockdale
St., Worcester, Mass. |

Spec. 101c, FLAX PACKING

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| Anchor Packing Co., W. R. Haggart, V. Pres.,
1014 Arch St., Phila., Pa. | Johns-Manville Corp., J. Newman, Asst. Treas.,
292 Madison Ave., New York, N. Y. |
| Braiding & Packing Works of America, A. L. Markel,
Treas., 250 46th St., Brooklyn, N. Y. | Linear Packing & Rubber Co. (Inc.), W. C. Fisher,
Sec., Marshall & Beeks Sts., Phila., Pa. |
| Chesterton, A. W., Co., A. W. Chesterton, Pres.,
64 India St., Boston, Mass. | Mikesell Co., H. S. Mikesell, Pres., 1223 S. Wabash
Ave., Chicago, Ill. |
| Clinton Mfg. Co. (Inc.), W. C. Deen, Pres., 83
Grand Ave., Brooklyn, N. Y. | Quaker City Rubber Co., H. R. Shellenberger,
Sec., Comly & Milnor Sts., Phila., Pa. |
| Crandall Packing Co., A. R. Gilman, Treas.,
Palmyra, N. Y. | Standard Packings Co., Ernest H. Smith, Pres.,
6523 Euclid Ave., Cleveland, Ohio. |
| Dickson, Stewart, & Co. (Inc.), Stewart Dickson,
Pres., 116 Broad St., New York, N. Y. | Strong Machinery & Supply Co., Chas. E. Strong,
Pres., 121 Spring St., New York, N. Y. |
| Grady-Travers Co. (Inc.), Thos. O. Dunkerly, Sec.,
60 Thomas St., New York, N. Y. | United States Asbestos Co., O. H. Cillry, Sec.,
Steigel St., Manheim, Pa. |
| Hewitt-Gutta Percha Rubber Corp., F. V. Springer,
V. Pres., 240 Kensington Ave., Buffalo, N. Y. | Whitney, Joseph, A., Joseph A. Whitney, 333 Arch
St., Camden, N. J. |

Spec. 102, FLEXIBLE METALLIC PACKING

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| Anchor Packing Co., W. R. Haggart, V. Pres., 1014
Arch St., Phila., Pa. | Federal Metallic Packing Co., R. H. Osborn, Gen.
Mgr., Foundry St., Wakefield, Mass. |
| Asbestos Textile Co., Frank Smith, Asst. Sec., 475
Fifth Ave., New York, N. Y. | France Packing Co., A. W. France, Pres., 6512
Tacony St., Phila., Pa. |
| Chesterton, A. W., Co., A. W. Chesterton, Pres.,
64 India St., Boston, Mass. | Passaic Metal Packing Co., W. H. Heyne, jr., Mgr.,
P. O. Box 212, Passaic, N. J. |
| Crandall Packing Co., A. R. Gilman, Treas.,
Palmyra, N. Y. | Relief Packing Co., L. E. Springer, Pres., P. O. Box
1002, Ellwood City, Pa. |
| Crane Packing Co., F. E. Payne, Pres., 1800 Cuyler
Ave., Chicago, Ill. | Strong Machinery & Supply Co., Chas. E. Strong,
Pres., 121 Spring St., New York, N. Y. |

Spec. 105, METALLIC PACKING (FIXED RING TYPE)

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| American Metallic Packing Co., John B. Walker,
Mgr., 3621 Mexico St., Pittsburgh, Pa. | Hewitt-Gutta Percha Rubber Corp., F. V. Springer,
V. Pres., 240 Kensington Ave., Buffalo, N. Y. |
| Anchor Packing Co., W. R. Haggart, V. Pres., 1014
Arch St., Phila., Pa. | Katzenstein, L., & Co., Martin L. Katzenstein,
V. Pres., 117 Liberty St., New York, N. Y. |
| Collins Metallic Packing Co., Jas. E. Sulger, Pres.,
Machinery Exhibit Bourse Bldg., Phila., Pa. | Northern Metallic Packing Co., S. B. Mack, Pres.,
St. Paul, Minn. |
| Colossus Industries (Inc.), J. R. Russell, Pres., 207
Crockett St., Shreveport, La. | Pioneer Co., George Thiessen, Gen. Mgr., 503 Co-
lumbia St., Brooklyn, N. Y. |
| Federal Metallic Packing Co., R. H. Osborn, Gen.
Mgr., Foundry St., Wakefield, Mass. | Relief Packing Co., L. E. Springer, Pres., P. O. Box
1002, Ellwood City, Pa. |
| France Packing Co., A. W. France, Pres., 6512
Tacony St., Phila., Pa. | Strong Machinery & Supply Co., Chas. E. Strong,
Pres., 121 Spring St., New York, N. Y. |
| Henneböhle, Frank, Mgr., 8101 S. Chicago Ave.,
Chicago, Ill. | United States Metallic Packing Co., N. O. Brown,
Office Mgr., 429 N. 13th St., Phila., Pa. |

Spec. 106, PLASTIC METALLIC PACKING

- Albion Mfg. Co. E. A. Nelson, Pres., 5710 Carson Ave., Seattle, Wash.
 Anchor Packing Co., W. R. Haggart, V. Pres., 1014 Arch St., Phila., Pa.
 Asbestos Textile Co., Frank Smith, Asst. Sec., 475 Fifth Ave., New York, N. Y.
 Chesterton, A. W., Co., A. W. Chesterton, Pres., 64 India St., Boston, Mass.
 Collins Metallic Packing Co., Jas. E. Sulger, Pres., Machinery exhibit, Bourse Bldg., Phila., Pa.
 Conneaut Packing Co., J. D. Riley, Pres., 353 Broad St., Conneaut, Ohio.
 Crane Packing Co., F. E. Payne, Pres., 1800 Cuyler Ave., Chicago, Ill.
 Dickson, Stewart, & Co. (Inc.), Stewart Dickson, Pres., 116 Broad St., New York, N. Y.
 France Packing Co., A. W. France, Pres., 6512 Tacony St., Phila., Pa.
 Grapho-Metal Packing Co., Al. A. D. Smith, Pres., 2232 Alvord St., Indianapolis, Ind.
 Hollow Center Packing Co., Ernest H. Smith, Pres., 6523 Euclid Ave., Cleveland, Ohio.
 Metalastic (Inc.), Hugh T. Stewart, V. Pres., 90 Montgomery St., Jersey City, N. J.
 Standard Packings Co., Ernest H. Smith, Pres., 6523 Euclid Ave., Cleveland, Ohio.
 Strong Machinery & Supply Co., Chas. E. Strong, Pres., 121 Spring St., New York, N. Y.

Spec. 107, SEMIMETALLIC PACKING

- Albion Mfg. Co., E. A. Nelson, Pres., 5710 Corson Ave., Seattle, Wash.
 Anchor Packing Co., W. R. Haggart, V. Pres., 1014 Arch St., Phila., Pa.
 Asbestos Textile Co., Frank Smith, Asst. Sec., 475 Fifth Ave., New York, N. Y.
 Chesterton, A. W., Co., A. W. Chesterton, Pres., 64 India St., Boston, Mass.
 Colossus Industries (Inc.), J. R. Russell, Pres., 207 Crockett St., P. O. Box 71, Shreveport, La.
 Crane Packing Co., F. E. Payne, Pres., 1800 Cuyler Ave., Chicago, Ill.
 Dickson, Stewart, & Co. (Inc.), Stewart Dickson, Pres., 116 Broad St., New York, N. Y.
 Hewitt-Gutta Percha Rubber Corp., F. V. Springer, V. Pres., 240 Kensington Ave., Buffalo, N. Y.
 Standard Packings Co., Ernest H. Smith, 6523 Euclid Ave., Cleveland, Ohio.
 Strong Machinery & Supply Co., Chas. E. Strong, Pres., 121 Spring St., New York, N. Y.
 Union Asbestos & Rubber Co., C. Morin, Sec., 1821 S. 54th Ave., Cicero, Ill.
 Walker, James, & Co. (Ltd.), Charles L. Willis, Mgr., 46 West St., New York, N. Y.

Spec. 108, SOLID METALLIC PACKING (FLOATING RING TYPE)

- American Metallic Packing Co., John B. Walker, Mgr., 3621 Mexico St., Pittsburgh, Pa.
 Anchor Packing Co., W. R. Haggart, V. Pres., 1014 Arch St., Phila., Pa.
 Cook, C. Lee, Mfg. Co. (Inc.), F. D. Durham, Gen. Mgr., 916 S. 8th St., Louisville, Ky.
 France Packing Co., A. W. France, Pres., 6512 Tacony St., Phila., Pa.
 Locomotive Finished Material Co., W. E. Muchnic, Pres., 3d & Parks St., Atchison, Kans.
 Martell Packings Co., E. W. Beidler, Pres., 333 E. Bridge St., Elyria, Ohio.
 Morris Metallic Packing Co. (Inc.), A. W. Morris, Pres., Lehigh Ave. & Mutter St., Phila., Pa.
 Merrill, Wm. B., & Co., John E. Fowler, Mgr., 3368 Washington St., Boston, Mass.
 Northern Metallic Packing Co., S. B. Mack, Pres., St. Paul, Minn.
 Pioneer Co., Geo. A. Thiessen, Gen. Mgr., 503 Columbia St., Brooklyn, N. Y.
 Strong Machinery & Supply Co., Chas. E. Strong, Pres., 121 Spring St., New York, N. Y.
 United States Metallic Packing Co., W. O. Brown, Office Mgr., 429 N. 13th St., Phila., Pa.

Spec. 115, TITANIUM PIGMENT, DRY AND PASTE

- American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La. (Paste only.)
 Apex Color Works (Inc.), L. Liedeker, Sec., 50 W. Broadway, New York, N. Y. (Paste only.)
 Arlington Paint & Varnish Co., Alfred B. Stellwagon, Mgr., 1329 Harrison Ave., S. W., Canton, Ohio. (Paste only.)
 Arnesto Paint Co. (Inc.), M. Arnstern, Pres., 548 W. 46th St., New York, N. Y.
 Avalon Paint Corp., F. A. Sage, Pres., 2127 Santee St., Los Angeles, Calif. (Paste only.)
 Baer Bros., Max Baer, Mem. firm, 438 W. 37th St., New York, N. Y.
 Benson Paint & Varnish Co., K. Y. Benson, Pres., Birmingham, Ala. (Paste only.)
 Blue Ribbon Paint Co., G. W. Vogt, V. Pres., 2321 Main St., Wheeling, W. Va. (Paste only.)
 Bradley & Vrooman Co., E. M. Rosenthal, Sec., 2632 S. Dearborn St., Chicago, Ill. (Paste only.)
 Breinig Bros. (Inc.), W. B. Fuller, Gen. Mgr., 308 Grand St., Hoboken, N. J. (Paste only.)
 Calbar Paint & Varnish Co., F. Elwees, V. Pres., 2620 Martha St., Phila., Pa. (Paste only.)
 California Paint Co., M. S. Orrick, V. Pres., 1797 12th St., Oakland, Calif.
 Capitol Paint & Varnish Works (Inc.), H. J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y. (Paste only.)
 Central Paint & Varnish Works, Bernard Barrich, Tech. Dir., 63 Propsect St., Brooklyn, N. Y. (Paste only.)
 Chicago White Lead & Oil Co., Albert Engelsman, Asst. Sec., 1454 S. Western Ave., Chicago, Ill. (Paste only.)
 Cook Paint & Varnish Co., D. H. Whitelam, V. Pres., Kansas City, Mo. (Paste only.)
 Davis, H. B., Co., H. B. Davis, Pres., Bayard & Severn Sts., Balto., Md.
 Devoe & Reynolds Co. (Inc.), Richard B. Ayer, Tech. Dir., 1 W. 47th St., New York, N. Y.
 Domino Paint Mfg. Co. (Inc.), F. O'Brien, Pres., 1330 St. Peter St., New Orleans, La. (Paste only.)
 Elliott Varnish Co., H. A. Rowland, Pres., 4525 W. 5th Ave., Chicago, Ill.
 Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.

- Fitch-Riggall Paint & Varnish Co., Albert Riggall, Pres., 315 Market St., Phila., Pa. (Paste only.)
- Frey-Yenkin Paint Co., A. I. Yenkin, Mem. firm, 251 N. Sandusky St., Columbus, Ohio. (Paste only.)
- Fuller, W. P., & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
- Globe Paint Co., Geo. B. Spicer, sales Mgr., 202 Market St., Williamsport, Pa. (Paste only.)
- Great Lakes Varnish Works, John G. Shilvoek, Pres., 2207 N. Crawford Ave., Chicago, Ill.
- Hampden Paint & Chem. Co., W. Lea Costigan, Asst. Sec., 161 Armory St., Springfield, Mass. (Paste only.)
- Hanline Bros., Leon S. Hanline, Mem. firm, 23 S. Howard St., Balto., Md.
- Herock Mfg. Co., Fred L. Herr, partner, Wheatland St., Phoenixville, Pa.
- Hunt, J. W., J. W. Hunt, Prop., 1221 New York Ave., NW., Washington, D. C. (Paste only.)
- Impervious Paint & Varnish Co., J. E. Peofe, Prop., 161 E. Allen St., Phila., Pa.
- Inland White Lead Co., C. Walton Aborn, Supt., 741 Boston Ave., Chicago, Ill. (Paste only.)
- International Paint Corp., E. B. Dunford, Gen. Mgr., 13th St. & Southern Ry., E. St. Louis, Ill.
- Johnson, A. S., Co., G. W. Johnson, Mgr., 1142 Broadway, Tacoma, Wash.
- Keystone Varnish Co., R. M. Ewell, Sec., 71 Otsego St., Brooklyn, N. Y. (Paste only.)
- Kohler-McLister Paint Co., Frank McLister, Mgr., W. 13th & Osage Sts., Denver, Colo. (Paste only.)
- Lampton, Crane & Ramray Co., A. E. Warfield, V. Pres. in charge of sales, 1201 Story Ave., Louisville, Ky. (Paste only.)
- Lawrence, W. W., & Co., C. D. Wettach, Pres., W. Carson St., Pittsburgh, Pa. (Paste only.)
- Liebich, G. J., Co., Harry E. Donner, Sec., 166 W. Kinzie St., Chicago, Ill. (Paste only.)
- Lucas, John, & Co. (Inc.), G. Johannes, Mgr. industrial sales, 322 Race St., Phila., Pa.
- Lucas, John, & Co. (Inc.), James R. Allen, Mgr., marine Dept., 521 Washington St., New York, N. Y.
- Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig St., New Orleans, La.
- McDougall-Butler Co. (Inc.), F. M. Graves, V. Pres., 6 Evans St., Buffalo, N. Y. (Paste only.)
- McMurtry Mfg. Co., Allan G. Barr, salesman, 1533 Arapahoe St., Denver, Colo. (Paste only.)
- McNamara, Michael, Varnish Works, Michael McNamara, V. Pres., 2538 Clark Ave., Detroit, Mich.
- Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balto., Md. (Paste only.)
- Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn. (Paste only.)
- Mobile Paint Mfg. Co., B. S. Butler, Pres., Dauphin & Water Sts., Mobile, Ala.
- Monad Paint & Varnish Co., Daniel J. McCrudden, jr., Prop., Roberts Ave. & Pa. R. R., Phila., Pa. (Paste only.)
- Moore, Benjamin, & Co., L. A. Diddle, Mgr., 4400 E. 71st St., Cleveland, Ohio. (Paste only.)
- Moore, Benjamin, & Co., Richard Moore, Mgr., 1600 S. 2d St., St. Louis, Mo. (Paste only.)
- National Lead Co., John Findlay, Asst. Mgr., 659 Freeman Ave., Cincinnati, Ohio. (Dry only.)
- National Lead Co. of Calif., A. W. Scott, Asst. Mgr., 235 Montgomery St., San Francisco, Calif. (Dry only.)
- Natroco Paint & Varnish Works, H. B. Fleming, Mgr., Fillmore Ave., Tonawanda, N. Y.
- Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
- Patek Bros. (Inc.), W. O. Schwarz, V. Pres., 230 E. Water St., Milwaukee, Wis.
- Peaslee Gaulbert Paint & Varnish Co., H. G. Fitzpatrick, Asst. Mgr. trade sales, 223 N. 15th St., Louisville, Ky. (Paste only.)
- Phoenix Paint & Varnish Co., W. Gentry Hodgson, Sec., 124 Market St., Phila., Pa. (Paste only.)
- Porter Paint Co., Paul T. Eitel, Asst. Sec., 401 S. 14th St., Louisville, Ky. (Paste only.)
- Red Spot Paint & Varnish Co., Harry B. Bausland, Treas., 110 Main St., Evansville, Ind.
- Ronan, T. J., Co. (Inc.), Arthur T. Ronan, V. Pres., 17 Atlantic Ave., Brooklyn, N. Y. (Paste only.)
- Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va. (Paste only.)
- Scientific Production Corp., Philip G. Strong, V. Pres., 3852 Grand Cent. Terminal, New York, N. Y. (Paste only.)
- Sewall Paint & Varnish Co., A. C. Bale, V. Pres., 1009 W. 8th St., Kansas City, Mo. (Paste only.)
- Sheldon, Albert K., Co., Albert K. Sheldon, Pres., 187 Broadway, Cambridge, Mass. (Paste only.)
- Sipe, James B., & Co., J. C. Adderly, V. Pres., 704 Chamber of Commerce Bldg., Pittsburgh, Pa. (Paste only.)
- Solastic Products Co. (Inc.), Harold J. Rudd, Pres., 3018 9th Ave., S., Seattle, Wash. (Paste only.)
- Special Products Co., Clay Littleton, owner, 2412 Trenton Ave., Bristol, Pa. (Paste only.)
- Standard Paint & Lead Works (Inc.), A. C. Benstein, Treas., Willey Ave. on Big Four R. R., Cleveland, Ohio. (Paste only.)
- Sterling Paint Co., N. D. Bergerson, Gen. Mgr., 6460 Green St., Emeryville, Calif. (Paste only.)
- Sterling Paint & Varnish Co., A. E. Cole, Pres., 170 Border St., East Boston, Mass. (Paste only.)
- Titanium Pigment Co. (Inc.), Wm. F. Meredith, Pres., 94 Fulton St., New York, N. Y. (Dry only.)
- Vallé Co., Dr. Cecilio D. Vallé, Pres., 4476 E. 71st St., Cleveland, Ohio.
- Varcraft Works (Inc.), F. A. Wertz, Prod. Mgr., Keim & Cross Sts., Pottstown, Pa. (Paste only.)
- Wetherill & Co., Geo. D. (Inc.), S. D. Davis, Tech. Dir., 113 Arch St., Phila., Pa.
- White Co., I. Benesch, Asst. Sec., Loney Lane & Biddle St., Balto., Md.
- Whittaker, Clark & Daniels (Inc.), W. B. Daniels, Treas., 245 Front St., New York, N. Y. (Dry only.)
- Wilson Paint Co., A. W. Schoenig, Sec., 410 Reading Rd., Cincinnati, Ohio. (Paste only.)
- Witte, John H., & Sons, Wm. A. Witte, partner, Burlington, Iowa. (Paste only.)
- Woolsey, C. A., Paint & Color Co., Harry Woolsey, Sec., 500 Grand St., Jersey City, N. J.
- Yarnall Paint Co., Geo. B. Beitzel, V. Pres., Grays Ave. West of 54th St., Phila., Pa. (Paste only.)
- Yates & Co. (Inc.), C. M. Yates, jr., Pres. 754 Folsom St., San Francisco, Calif.

Spec. 123, FLAT GLASS FOR GLAZING PURPOSES

- Aetna Glass & Mirror Works, P. G. Lynch, Mem. Firm, 19 Hayward St., Brooklyn, N. Y.
- American Plate Glass Corp., John Willis, Asst. Sec., Kane, Pa.
- American Window Glass Co., Geo. H. Hayes, Gen. sales Agt., 1309 Farmers Bank Bldg., Pittsburgh, Pa.
- Bache, Semon & Co., David Hirsch, Asst. Sec., 636 Greenwich St., New York, N. Y.
- Baker Bros. Glass Co., John E. Baker, Sec., Okmulgee, Okla.
- Baur Window Glass Co., A. E. Baur, Prop., Eaton, Inc.
- Belknap, C. C., Glass Co., Robert Bostwick, Asst. Mgr., 1900 Railroad Ave., Seattle, Wash.
- Bienenfeld Glass Works (Inc.), Morris Bienenfeld, Sec., 1539 Covert St., Brooklyn, N. Y.
- Binswanger & Co. (Inc.), H. S. Binswanger, Pres., 304 S. 6th St., Richmond, Va.
- Blackford Window Glass Co., N. J. Dognaux, Sec., 537 Willow St., Vincennes, Ind.
- Bradford, James, Co., W. M. Francis, Pres., 212 Market St., Wilmington, Del.
- Butcher, L. H. Co., S. L. Schwartz, Pres., 274 Brannan St., San Francisco, Calif.
- Cadillac Glass Co., R. L. Martin, Pres., 2570 Hart Ave., Detroit, Mich.
- Century Glass & Paint Co., Clyde A. Simons, Pres., 212 St. Clair Ave. NE., Cleveland, Ohio.
- Citizens Glass Co., Jules L. Biren, Gen. Mgr., Gardner St., Barnesville, Ohio.
- Clarksburg Glass Co., W. W. Sims, Pres., Clarksburg, W. Va.
- Eureka Glass Works (Inc.), Edward Dillmeier, Pres., 85 Hope St., Brooklyn, N. Y.
- Ford, Edward, Plate Glass Co., J. Roy Helm, sales Mgr., Rossford, Ohio.
- Habenicht & Howlett, Frank Howlett, partner, 529 Clay St., San Francisco, Calif.
- Hires Turner Glass Co., S. C. Gilmore, Sec., 230 S. 30th St., Phila., Pa.
- Intermountain Glass Co., H. M. Hawthorne, Mgr., 1417 Main St., Boise, Idaho.
- Interstate Window Glass Co., J. S. Walker, sales Mgr., Chase St., Kane, Pa.
- Lefebvre Glass Co., M. F., M. F. Lefebvre, Pres., North 2d St. & P. R. R., Millville, N. J.
- Libbey Owens Sheet Glass Co., T. P. Geoghegan, Gen. sales Mgr., 1244 Nicholas Bldg., Toledo, Ohio.
- Loriaux Glass Co., G. E. Klock, Sec., Fredonia, Kan.
- Metz Mfg. Co., L. F. Metz, Sec., 17th & Elm Sts., Dubuque, Iowa.
- Mississippi Wire Glass Co., E. H. Hobbie, illuminating Engr., 220 Fifth Ave., New York, N. Y.
- National Mirror Works, J. R. Anderson, Sec., 1925 Kishwaukee St., Rockford, Ill.
- National Plate Glass Co., H. J. Eckenrode, Pres., General Motors Bldg., Detroit, Mich.
- Neuer, H., Glass Co., J. H. Mandeleil, Sec., 518 Reading Rd., Cincinnati, Ohio.
- Nurre Mirror Plate Co., R. A. Hall, Sales Dept., N. Madison St., Bloomington, Ind.
- Penn Window Glass Co., H. P. Barnes, Sec., Pennsboro, W. Va.
- Pennsylvania Wire Glass Co., Frank L. Martin, Treas., 914 Pa. Bldg., Phila., Pa.
- Pittsburgh Plate Glass Co., H. B. Higgins, Gen. sales Mgr., Frick Bldg., Pittsburgh, Pa.
- Porter Mirror & Glass Co., C. B. Willard, Mem. firm, Fort Smith, Ark.
- Pressed Prism Plate Glass Co., Myron A. Ross, Gen. Mgr., 25 N. Dearborn St., Chicago, Ill.
- Rolland Glass Co., Eugene Rolland, Pres., P. O. Box 600, Clarksburg, W. Va.
- Schrenk & Co., Jul J. Gilran, Sec., 15th & Hudson Sts., Hoboken, N. J.
- Sergeant Glass Co., C. Jungers, Gen. Mgr., Sergeant, Pa.
- Solomon, L., & Son, A. Solomon, Pres., 199 Wooster St., New York, N. Y.
- Southwestern Sheet Glass Co., H. O. Hunniwill, Pres., Box Z, Okmulgee, Okla.
- Standard Plate Glass Co., Harold J. Stenglein, Asst. local Mgr., 520 S. Hamilton St., Saginaw, Mich.
- Stott-Hecht Glass Works (Inc.), Edward M. Stott, Pres., 429 N. 6th St., Phila., Pa.
- Tyre Bros. Glass Co. (Inc.), Louis Tyre, Sec., 3006 S. San Pedro St., Los Angeles, Calif.
- United States Sheet & Window Glass Co., T. P. Geoghegan, Gen. sales Mgr., 1244 Nicholas Bldg., Toledo, Ohio.
- Waxman, A. & Co., Mark Waxman, V. Pres., 422 N. 3rd St., Phila., Pa.
- Western Glass Co., C. E. Ryon, Pres., 610 S. Vermillion St., Streator, Ill.
- Wichita Falls Window Glass Co., G. D. Fox, Sec., Box 1035, Wichita Falls, Tex.
- Wissmach, Paul, Glass Co. (Inc.), Eugene F. Stryker, Sec., Anable, Pearson & Meadow Sts., Long Island City, N. Y.

Spec. 124, HAND CHEMICAL FIRE EXTINGUISHER (ONE QUART CARBON TETRACHLORIDE TYPE)

- American La France Fire Engine Co., Hugh Logan, Mgr., sundry sales, Marion & S. Jane Sts., Long Island City, N. Y.
- Badger Fire Extinguisher Co., A. C. Badger, Pres., 31 St. James Ave., Boston, Mass.
- Bethlehem Steel Corp., G. A. Hildenberger, buyer, purchasing Dept. No. 1, 3d & Poplar Sts., Bethlehem, Pa.
- Buffalo Fire Appliance Corp., D. Meidel, sundry sales Mgr., 44 Central Ave., Buffalo, N. Y.
- Castle, James M. (Inc.), C. B. Ford, Pres., 1718 Vine St., Phila., Pa.
- Columbia Fire Extinguisher Co., G. H. Downing, Prop., 174 Centre St., New York, N. Y.
- Cross, C. J., Mfg. Co., C. J. Cross, Pres., 149 Church St., New York, N. Y.
- Fyr-Fyter Co., R. C. Iddings, Pres., 221 Crane St., Dayton, Ohio.
- Harker Mfg. Co., W. E. Scallan, Gen. Mgr., 121 W. 3rd St., Cincinnati, Ohio.
- National Fire Protection Co., F. L. Boyd, Treas., 1617 Sansom St., Phila., Pa.
- Niagara Smelting Corp., C. D. Muggleton, Gen. Mgr., Lewiston Rd., Niagara Falls, N. Y.
- Pacific Fire Extinguisher Co., L. B. King, V. Pres., 440 Howard St., San Francisco, Calif.
- Phister Mfg. Co., B. H. Phister, Pres., 901 Broadway, Cincinnati, Ohio.

Spec. 127a, 25 PER CENT RAG BLOTTING PAPER, WHITE AND COLORED.

(Now being revised.)

Spec. 128a, DESK BLOTTING PAPER, COLORED.

(Now being revised.)

Spec. 129a, CHART PAPER.

(Now being revised.)

Spec. 130a, MIMEOGRAPH PAPER.

(Now being revised.)

Spec. 131a, 50 PER CENT RAG MIMEOGRAPH PAPER.

(Now being revised.)

Spec. 132a, WOOD MANILA WRAPPING PAPER.

(Now being revised.)

Spec. 133a, ROPE MANILA WRAPPING PAPER.

(Now being revised.)

Spec. 137a, OLIVE DRAB PAINT (SEMIPASTE AND READY MIXED)

- American Paint & Supply Co., L. H. Ferguson, Asst. Sec., Box 891, Dallas, Tex.
 American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La.
 Apex Color Works (Inc.), L. Liedeker, Sec., 50 W. Broadway, New York, N. Y.
 Arco Co., David Andrew, V. Pres., 730 Bessemer Ave., Cleveland, Ohio.
 Arlington Paint & Varnish Co., Alfred B. Stellwagon, Mgr., 1329 Harrison Ave. SW., Canton, Ohio.
 Arnesco Paint Co. (Inc.), M. Arnstern, Pres., 546 W. 46th St., New York, N. Y.
 Athey, C. M., Paint Co., C. M. Athey, Pres., 500 S. Hanover St., Balto., Md.
 Avalon Paint Corp., F. A. Sage, Pres., 2127 Santee St., Los Angeles, Calif.
 Baer Bros., M. Baer, Mem. firm, 438 W. 37th St., New York, N. Y.
 Baltimore Paint & Color Works (Inc.), Morris Shuger, Pres., 148 S. Calverton Rd., Balto., Md.
 Benson Paint & Varnish Co., B. Y. Benson, Pres., Birmingham, Ala.
 Bigelow Varnish Co., James W. Crelin, Asst. Sec., 87 Oliver St., Newark, N. J.
 Blue Ribbon Paint Co., G. W. Vogt, V. Pres., 2321 Main St., Wheeling, W. Va.
 Boatwright Paint & Varnish Works, T. B. Boatwright, Pres., 134 Walker St., Atlanta, Ga.
 Born, L., L. Born, Prop., 51 W. Queen St., Hampton, Va.
 Bradford, James, Co., W. M. Francis, Pres., 212 Market St., Wilmington, Del.
 Bradley & Vrooman Co., E. M. Rosenthal, Sec., 2632 S. Dearborn St., Chicago, Ill.
 Breinig Bros. (Inc.), M. B. Fuller, Gen. Mgr., 3d & Grand Sts., Hoboken, N. J.
 Briggs-Maroney Co. (Inc.), George J. Beake, Sec., 85 Paris St., Everett, Mass.
 Calbar Paint & Varnish Co., F. E. Elwees, V. Pres., 2620 Martha St., Phila., Pa.
 California Paint Co., M. S. Orrick, V. Pres., 1797 12th St., Oakland, Calif.
 Capital Paint Co. (Inc.), C. C. Smith, Pres., S. Washington, Va.
 Capitol Paint & Varnish Works (Inc.), H. J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y.
 Casad, James G., Co., James G. Casad, Pres., 601 Romine St., Urbana, Ill.
 Central Paint & Varnish Works, Bernard Barrich, Tech. Dir., 63 Prospect St., Brooklyn, N. Y.
 Certain-teed Products Corp., Dntro C. Cole, V. Pres., 100 E. 42d St., New York, N. Y.
 Chicago White Lead & Oil Co., Albert Engelsman, Asst. Sec., 1454 S. Western Ave., Chicago, Ill.
 Cochran, John P., Co., H. C. Blood, Sec., 19000 Wynnewood Rd., Cleveland, Ohio.
 Cook Paint & Varnish Co., V. H. Whitelam, V. Pres., Kansas City, Mo.
 Cooledge, F. J., & Sons, Grier Martin, Sec., 12 N. Forsyth St., Atlanta, Ga.
 Davis, H. B., Co., H. B. Davis, Pres., Bayard & Severn Sts., Balto., Md.
 Davis Paint Co., L. O. Hawkinson, V. Pres., 14th & Iron Sts., N. Kansas City, Mo.
 Dean & Barry Co., George W. McKay, Treas., 296 N. Water St., Columbus, Ohio.
 Denny, Hilborn & Rosenbach (Inc.), M. P. Rosenbach, Treas., 230 N. 12th St., Phila., Pa.
 De Soto Paint & Varnish Co., E. R. Herbert, Sales Promotion Dir., Broadway & Somnerville St., Memphis, Tenn.
 Detroit Graphite Co., P. Maury, V. Pres., 550 12th St., Detroit, Mich.
 Detroit White Lead Works, J. V. Carr, sales Mgr., 1960 E. Milwaukee Ave., Detroit, Mich.
 Devoe & Reynolds Co. (Inc.), R. B. Ayer, Tech. Dir., 1 W. 47th St., New York, N. Y.
 Dolphin Paint & Varnish Co., Julius Blum, 2d V. Pres., Champlain & Locust Sts., Toledo, Ohio.
 Domino Paint Mfg. Co. (Inc.), F. O'Brien, Pres., 1330 St. Peter St., New Orleans, La.
 Dozier & Gay Paint Co., J. H. Gay, Pres., 46 W. Bay St., Jacksonville, Fla.
 Eagle Paint & Varnish Works (Inc.), H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y.

- Farboil Paint Co., M. D. Swartz, owner, Eastern Ave. & 11th St., Balto., Md.
- Federal Composition & Paint Co. (Inc.), G. Miles, Ch. Clerk, 33 Rector St., New York, N. Y.
- Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
- Fitch-Riggall Paint & Varnish Co., Albert Riggall, Pres., 315 Market St., Phila., Pa.
- Forman, Ford & Co., A. E. Clerihem, Pres., 111 Second St., S., Minneapolis, Minn.
- Franklin Paint Co., L. S. Sanders, Gen. Mgr., 8203 Franklin Ave., Cleveland, Ohio.
- Frazer Paint Co., W. E. Hanes, V. Pres., 2475 Hubbard Ave., Detroit, Mich.
- Frey-Yenkin Paint Co., A. I. Yenkin, Mem. firm, 251 Sandusky St., Columbus, Ohio.
- Fuller, W. P., & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
- Furolin Paint Fire Proofing Co. (Inc.), G. Johnston, Sec., 216 W. Kinzie St., Chicago, Ill. (Ready mixed.)
- Garland Co., L. J. Pfister, V. Pres., 3748 E. 91st St., Cleveland, Ohio.
- Gates, J. M., Sons Co., D. H. Gates, Mgr., 27 Summers St., Charleston, W. Va.
- General Paint & Varnish Co., H. Bigelow, Pres., 2001 Mendell St., Chicago, Ill.
- Glidden Co., W. Williams, V. Pres., Madison Ave. & Berea Rd., Cleveland, Ohio.
- Globe Paint Co., Geo. B. Spicer, sales Mgr., 202 Market St., Williamsport, Pa.
- Goheen Corp. of N. J., E. Ress, Sec., 202 Emmett St., Newark, N. J.
- Great Lakes Varnish Works, John G. Shilvock, Pres., 2207 N. Crawford Ave., Chicago, Ill.
- Hampden Paint & Chemical Co., W. L. Costigan, Asst. Sec., 161 Armory St., Springfield, Mass.
- Hancock Paint & Varnish Co., Edwin J. Heap, V. Pres., Atlantic, Mass.
- Hanline Bros., L. Hanline, Mem. firm, 23 S. Howard St., Balto., Md.
- Harper-Scott Paint Mfg. Co., H. C. Hain, Sec., 700 N. Main St., St. Louis, Mo.
- Henderson & Johnson (Inc.), R. B. Henderson, Pres., 121 Duncan St., Gloucester, Mass. (Ready mixed.)
- Herock Mfg. Co., F. L. Herr, partner, Wheatland St., Phoenixville, Pa.
- Hirschberg Paint Co., Morton M. Goldsmith, Sec., 106 W. Pratt St., Balto., Md.
- Hunt, J. W., J. W. Hunt, Prop., 1221 New York Ave., N.W., Washington, D. C.
- Impervious Paint & Varnish Co., J. E. Peofe, Prop., 161 E. Allen St., Phila., Pa.
- Inland White Lead Co., C. Walton Aborn, Supt., 741 Boston Ave., Chicago, Ill.
- International Paint Corp., E. B. Dunford, Gen. Mgr., 13th St., & Southern Rwy., East St. Louis, Ill.
- Johnson, A. S., & Co., S. W. Johnson, Mgr., 1142 Broadway, Tacoma, Wash.
- Johnson, Oliver, & Co. (Inc.), Denison W. Greene, Treas., 18 Customs House St., Providence, R. I.
- Johnston, R. F., Paint Co., A. Fel Johnston, Pres., Pearl & Main Sts., Cincinnati, Ohio.
- Jones-Dabney Co. (Inc.), E. J. Probeck, Prod. Mgr., 1481 S. 11th St., Louisville, Ky.
- Jones & Dillingham, H. L. Jones, Asst. Mgr., 713 First Ave., Spokane, Wash.
- Keystone Varnish Co., F. H. Etwell, Sec., 71 Otsego St., Brooklyn, N. Y.
- King, William H. & Co., P. D. King, Pres., 66 Kane St., Brooklyn, N. Y.
- Kohler-McLister Paint Co., F. McLister, Mgr., W. 13th & Osage Sts., Denver, Colo.
- Lampton, Crane & Ramey Co., A. E. Warfield, V. Pres. in charge of sales, 1201 Story Ave., Louisville, Ky.
- Lawrence, W. W., & Co., C. D. Wettach, Pres., W. Carson St., Pittsburgh, Pa.
- Leavitt, Louis, Phillip K. Leavitt, Mgr., 454 Driggs Ave., Brooklyn, N. Y.
- Leitch Mfg. Co., J. Miners, V. Pres., 342 Madison Ave., New York, N. Y.
- Liebich, G. J., Co., Harry E. Donner, Sec., 166 W. Kinzie St., Chicago, Ill.
- Lincoln Paint & Color Co., H. McVicker, Asst. sales Mgr., 811 M St., Lincoln, Neb.
- Lino Paint Co., A. H. Clino, V. Pres., 16908 Waterloo Rd., Cleveland, Ohio.
- Long, Chas. R., jr., Co., S. S. Demarest, V. Pres., 1520 W. Hill St., Louisville, Ky.
- Louisville Paint Mfg. Co., L. First, Sec., 1112 W. Main St., Louisville, Ky.
- Lucas, John, & Co. (Inc.), G. Johannes, Mgr. Ind. sales, 322 Race St., Phila., Pa.
- Lucas, John, & Co. (Inc.), James R. Allen, Mgr. marine Dept., 521 Washington St., New York, N. Y.
- Mahoning Paint & Oil Co., B. Nichols, Sec., 653 Jones St., Youngstown, Ohio.
- Marietta Paint & Color Co., W. H. Campbell, V. Pres., Greene & Acme Sts., Marietta, Ohio.
- Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig St., New Orleans, La.
- Martin-Semour Co., F. W. Somers, Mgr., 18 Sackett St., Brooklyn, N. Y.
- Mathews Paint Co. (Inc.), J. Kelleher, Sec., 219 S. Los Angeles St., Los Angeles, Calif.
- Mayer & Loewenstein, James H. Avaham, V. Pres., 43 Vernon Blvd., Long Island City, N. Y.
- McDougall-Butler Co. (Inc.), M. Graves, V. Pres., 6 Evans St., Buffalo, N. Y.
- McNamara, Michael, Varnish Works, M. McNamara, V. Pres., 2538 Clark Ave., Detroit, Mich.
- McMurtry Mfg. Co., Allan G. Barr, salesman, 1533 Arapahoe St., Denver, Colo.
- Merkin, M. J., Paint Co. (Inc.), Edward Burger, Tech. Mgr., 25 Spruce St., New York, N. Y.
- Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balto., Md.
- Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn.
- Mobile Paint Mfg. Co., B. S. Butler, Pres., Dauphin & Water Sts., Mobile, Ala.
- Moline Paint Mfg. Co., Warren C. Skinner, Sec., 101 16th St., Moline, Ill.
- Monad Paint & Varnish Co., Daniel J. McCrudden, jr., Prop., Roberts Ave. & Pa. R. R., Phila., Pa.
- Moore, Benjamin, & Co., L. A. Diddle, Mgr., 4400 E. 71st St., Cleveland, Ohio.
- Moore, Benjamin, & Co., R. Moore, Mgr. Dir., 1600 S. Second St., St. Louis, Mo.
- Mutual Paint Co., N. P. Malvern, Gen. Mgr., 700 Vandalia St., St. Paul, Minn.
- Mutual Paint Mfg. Co., W. Schmith, Mgr., 826 S. 18th St., St. Louis, Mo.
- Natroco Paint & Varnish Works, H. B. Fleming, Mgr., Fillmore Ave., Tonawanda, N. Y.
- Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
- Oxford Varnish Corp., A. P. Talliman, Ch. Bd. of Dir., 350 Morris St., Toledo, Ohio. (Ready mixed.)
- Paraffine Cos. (Inc.), E. R. DeGraf, Mgr. Paint Dept., 475 Brannan St., San Francisco, Calif.

- Parr Paint & Color Co., W. J. Parr, Pres., 18312 Syracuse Ave., Cleveland, Ohio.
- Patek Bros. (Inc.), W. Schwarz, V. Pres., 230 E. Water St., Milwaukee, Wis.
- Peaslee-Gaulbert Paint & Varnish Co., H. Fitzpatrick, Asst. Mgr. trade sales, 223 N. 15th St., Louisville, Ky.
- Pecora Paint Co., S. B. Bowen, jr., Pres., 3501 N. 4th St., Phila., Pa.
- Perry & Derrick Co. (Inc.), F. J. Derrick, Pres., 906 Central Ave., Cincinnati, Ohio.
- Phoenix Paint & Varnish Co., W. Gentry Hodgson, Sec., 124 Market St., Phila., Pa.
- Pittsburgh Plate Glass Co., H. E. Reeve, Agt., 2 Chester Ave., Newark, N. J.
- Porter Paint Co., Paul T. Eitel, Asst. Sec., 401 S. 14th St., Louisville, Ky.
- Red Spot Paint & Varnish Co., H. B. Bausland, Treas., 110 Main St., Evansville, Ind.
- Reliable Paint Co., W. E. Mullin, Pres., 906 E. Main St., Louisville, Ky.
- Republic Varnish Co., S. A. Long, Pres., 201 Thomas St., Newark, N. J.
- St. Louis Surfer & Paint Co., H. Davis, Pres., 4200 Arlington Ave., St. Louis, Mo. (Ready mixed.)
- St. Paul White Lead & Oil Co., W. H. Sweeney, V. Pres., Water & Starkey Sts., St. Paul, Minn.
- Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va.
- Sargent Gerke Co., W. H. Gerke, Pres., W. 15th & Big 4 R. R., Indianapolis, Ind.
- Scientific Production Corp., Philip G. Strong, V. Pres., 3852 Grand Central Terminal, New York, N. Y.
- Seidlitz Paint & Varnish Co., J. F. Hammond, V. Pres., 18th & Garfield Sts., Kansas City, Mo.
- Severson, Irwin M., Irwin M. Severson, V. Pres., 1500 W. Kinzie St., Chicago, Ill.
- Sewall Paint & Varnish Co., A. C. Bale, V. Pres., 1009 W. 8th St., Kansas City, Mo.
- Sheldon, Albert K., Albert K. Sheldon, Pres., 187 Broadway, Cambridge, Mass.
- Sipe, James B., & Co., J. C. Adderly, V. Pres., 704 Chamber of Commerce Bldg., Pittsburgh, Pa.
- Solastic Products Co. (Inc.), H. M. Rudd, Pres., 3018 Ninth Ave. S., Seattle, Wash.
- Sommers & Co. (Ltd.), J. Miners, Pres., 342 Madison Ave., New York, N. Y.
- Special Products Co., Clay Littleton, owner, 2412 Trenton Ave., Bristol, Pa.
- Spruance, Gilbert, Co., Gilbert Spruance, Pres., Richmond & Tioga Sts., Phila., Pa.
- Standard Paint & Lead Works (Inc.), A. C. Bernstein, Treas., Willey Ave. on Big 4 R. R., Cleveland, Ohio.
- Sterling Paint Co., N. D. Bergeron, Gen. Mgr., 6460 Green St., Emeryville, Calif.
- Sterling Paint & Varnish Co., A. E. Cole, Pres., 170 Border St., East Boston, Mass.
- Stewart Bros. Paint Co., W. E. Stewart, Sec., 999 N. Union Ave., Alliance, Ohio.
- Stewart Paint Mfg. Co., E. W. Stewart, Pres., 1729 Second St. N., Minneapolis, Minn.
- Sunset Color Works, Reinhold H. Ivelli, Mgr., 40 E. 1 South St., Salt Lake City, Utah.
- Suydam, M. B. Co., R. S. Suydam, Pres., Island & Preble Aves., Pittsburgh, Pa.
- Tampa Paint & Varnish Co., E. B. Cordon, Mgr., 104 Washington St., Tampa, Fla.
- Thompson & Co., J. L. Crowley, Supt., 857 W. North Ave., Pittsburgh, Pa.
- Thomson Wood Finishing Co., J. Binswanger, Tech. Dir., 829 N. Third St., Phila., Pa.
- Tibbetts, H. R. Paint Co., H. R. Tibbetts, V. Pres., 1616 E. 14th St., Los Angeles, Calif.
- Toch Bros. (Inc.), Maximilian Toch, V. Pres., 443 4th Ave., New York, N. Y.
- Tropical Paint & Oil Co., R. G. Hascall, Pres., 1240 W. 70th St., Cleveland, Ohio.
- Truscon Laboratories, J. J. Super, Asst. Gen. Mgr., Caniff Ave. & G. T. R. R., Detroit, Mich.
- Vallé Co., Dr. Cecilio D. Vallé, Pres., 4476 E. 71st St., Cleveland, Ohio.
- Varcraft Works (Inc.), F. A. Wertz, Prod. Mgr., Keim & Cross Sts., Pottstown, Pa.
- Wamblu Corp. Emil M. Blatau, Sec., 1326 Ridge Rd., Rochester, N. Y.
- Wetherill, Geo. D., & Co. (Inc.), S. D. Davis, Tech. Dir., 113 Arch St., Phila., Pa.
- West Chemical & Paint Co., H. M. Sorrick, Pres., Springport, Mich.
- Western Paint & Varnish Co., John C. Gelvant, V. Pres., foot of Herman Ave., Duluth, Minn.
- White Co., J. Benesch, Asst. Sec., Loney's Lane & Biddle St., Balto., Md.
- Witte, John H., & Sons, William A. Witte, partner, Burlington, Iowa.
- Woolsey, C. A., Paint & Color Co., H. Woolsey, Sec., 500 Grand St., Jersey City, N. J.
- Yarnall Paint Co., Geo. B. Beitzel, V. Pres., Grays Ave. West of 54th St., Phila., Pa.
- Yates & Co. (Inc.), C. M. Yates, jr., Pres., 754 Folsom St., San Francisco, Calif.

Spec. 159, LIGHT WEIGHT DUCK (ARMY DUCK, GRAY)

- Barrell Wm. L., Co. of New York (Inc.), Salbo M. Kahn, Sec., 40 Worth St., New York, N. Y.
- Bennett, Fred S. (Inc.), Fred S. Bennett, Pres., 93 Worth St., New York, N. Y.
- Boott Mills, F. A. Flather, Treas., foot of John St., Lowell, Mass. (Parker-Wilder & Co., Wm. D. Judson, Mem. firm, sole selling agents, 78 Leonard St., New York, N. Y.)
- Carpenter, Geo. B., & Co., Thos. D. Lewis, Mgr. of cotton goods Dept., Chicago, Ill.
- Detroit Canvas Co., Lester E. Jaqua, Pres., 166 Jefferson St., Detroit, Mich.
- Herring, M., Co., M. Herring, owner, 115 Franklin St., New York, N. Y.
- Hill Ingram Co., Hill Ingram, Prop., 50 Cliff St., New York, N. Y.
- Laacke, R., Co., R. Laacke, sales Mgr., 543 3d St., Milwaukee, Wis.
- Mt. Vernon-Woodberry Mills (Inc.), J. W. Easter, Sec., 201 E. Baltimore St., Balto., Md.
- Penfield, A. H., & Co. (Inc.), A. H. Penfield, Pres., 320 Broadway, New York, N. Y.
- Standard Cotton Mills, Wm. Parker, jr., Pres., Cedartown, Ga.
- Turner Halsey Co., H. W. Turner, V. Pres., 74 Leonard St., New York, N. Y.
- Wellington, Sears & Co., Chas. O. Richardson, Mem. firm, 93 Franklin St., Boston, Mass.
- Wham Co. (Inc.), J. Knerbert, Ch. clerk, 266 State St., Brooklyn, N. Y.

Spec. 160, TENT DUCK (SPECIAL CONSTRUCTION FOR BLEACHING OR DYEING, GRAY)

- Aragon Mills, J. C. Platt, Agt. & Supt., Aragon, Ga.
 Barrell, Wm. L., Co., of New York (Inc.), Salbo M.
 Kahn, Sec., 40 Worth St., New York, N. Y.
 Bennett, Fred. S. (Inc.), Fred S. Bennett, Pres., 93
 Worth St., New York, N. Y.
 Boott Mills, F. A. Flather, Treas., foot of John St.,
 Lowell, Mass. (Parker, Wilder & Co., Wm. D.
 Judson, Mem. Firm, sole selling agents, 78 Leon-
 ard St., New York, N. Y.)
 Carpenter, Geo. B., & Co., Thomas D. Lewis,
 Mgr. cotton goods Dept., 440 N. Wells St., Chi-
 cago, Ill.
 Detroit Canvas Co., Lester, E. Jaqua, Pres., 166
 Jefferson St., Detroit, Mich.
- Hurwitz, D., & Sons, Hyman Hurwitz, partner, 175
 Greene St., New York, N. Y.
 Laccke, R., Co., R. Laacke, sales Mgr., 543 3d St.,
 Milwaukee, Wis.
 Mt. Vernon Woodberry Mills (Inc.), J. W. Easter,
 Sec., 201 E. Baltimore St., Balto., Md.
 Penfield, A. H., & Co. (Inc.), A. H. Penfield, Pres.,
 320 Broadway, New York, N. Y.
 Saint Joseph Tent & Awning Co., W. H. Laubach,
 Pres., 204 N. 4th St., St. Joseph, Mo.
 Turner Halsey Co., H. W. Turner, V. Pres., 74
 Leonard St., New York, N. Y.
 Wellington, Sears & Co., Chas. O. Richardson, Mem.
 firm, 93 Franklin St., Boston, Mass.

Spec. 162a, WELDED STEEL PIPE (BLACK & GALVANIZED)

- Allegheny Steel Co., M. B. McPherson Mgr., Tube
 & Pipe Sales, Brackenridge, Pa.
 Allentown Boiler Works, Francis A. Collum, V.
 Pres., 328 Walnut St., Allentown, Pa.
 Central Tube Co., H. G. Morrow, Gen. Mgr. of
 sales, 1800 1st National Bank Bldg., Pittsburgh,
 Pa.
 Chicago Tube & Iron Co., G. S. Nathans, Sec., 2531
 W. 48th St., Chicago, Ill.
 Columbia Steel & Tube Corp., L. B. Boray, Treas.,
 233 Broadway, New York, N. Y.
 Devine, J. P., Mfg. Co. (Inc.), Charles P. Devine,
 V. Pres., 1372 Clinton St., Buffalo, N. Y.
 Electric Welding Co. of America, A. W. Schenker,
 V. Pres., foot of Court St., Brooklyn, N. Y.
- Keating, E. F., Co., E. F. Keating, Pres., 452 Water
 St., New York, N. Y.
 Limbert, Geo. B., & Co., D. C. Showers, V. Pres.,
 570 Fulton St., Chicago, Ill.
 Montague Pipe & Steel Co., E. H. Fisher, Pres., 1900
 3d St., San Francisco, Calif.
 Nelson, N. O., Mfg. Co., W. H. Baker, Sec., 928
 Chestnut St., St. Louis, Mo.
 Schluter, C. J. (Inc.), Chas. J. Schluter, Pres., 192
 Banker St., Brooklyn, N. Y.
 South Chester Tube Co., F. J. Tucker, Gen. Mgr.,
 Front & Thurlow Sts., Chester, Pa.
 Tippet & Wood, R. W. Becker, Pres., Phillips-
 burgh, N. J.

Spec. 163, RECORD AND COPYING INK

- Abbey, R. A., Co., R. A. Abbey, owner, 1109 Jack-
 son St., Scranton, Pa.
 Allen Co., J. H. Maplen, Sec., 11 Vandewater St.,
 New York, N. Y.
 American Manifold Products Corp., A. M. Oppen-
 heimer, Sec., 2900 Darwin Terrace, Chicago, Ill.
 American Mfg. Co., Charles Hock, Mgr., 465 Jack-
 son Ave., Bronx, New York, N. Y.
 Carter's Ink Co., Walter F. Wyman, Gen. sales Mgr.,
 239 First St., Cambridge, Mass.
 Davids, Thaddeus, Ink Co. (Inc.), W. J. Walsh,
 sales Mgr., 95 Vandam St., New York, N. Y.
 Diamond Ink Co., Robert R. Ritz, Pres., 817 34th
 St., Milwaukee, Wis.
 General Eclipse Co., Luther Piling, Treas., Furnace
 St., Danielson, Conn.
 Kirk Ink Co., Benj. H. Kirk, Treas., 2316 W. Harri-
 son St., Chicago, Ill.
 Levison & Blythe Mfg. Co., F. W. Palmer, Pres.,
 209 Locust St., St. Louis, Mo.
 Liberty Ink Co., J. Robt. Weissman, Mem. firm,
 105 Scholes St., Brooklyn, N. Y.
- Luther Ink & Stamp Pad Co., Henry J. Luther,
 Pres., 55 E. Park St., Newark, N. J.
 Milo Ribbon & Carbon Corp., Joseph P. Craugh,
 Treas., 206 Elm St., Penn Yan, N. Y.
 Parker Pen Co., Kenneth Parker, Asst. Treas.,
 Court & Division Sts., Janesville, Wis.
 Powers National Ink Co., J. H. Johns, Mgr., 2112
 Stout St., Denver, Colo.
 Scriptex Ink & Paste Co., Geo. B. Bush, Pres., 519
 S. 2d St., Phila., Pa.
 Sinclair & Valentine Co., Walter R. Shepherd,
 Treas., 11 St. Clair Place, New York, N. Y.
 Stafford, S. S. (Inc.), W. S. Stafford, Pres., 609
 Washington St., New York, N. Y.
 Stenno Ribbon & Carbon Mfg. Co., George L.
 Koehn, Pres., 31st St. & Sandy Blvd., Portland,
 Oreg.
 Wallior Chemical Works, F. A. Wallior, owner, 528
 Dauphine St., New Orleans, La.
 Weil, J. H., & Co., Walter A. Kohn, Mem. firm,
 1315 Cherry St., Phila., Pa.

Spec. 164, WRITING INK

- Abbey, R. A., Co., R. A. Abbey, owner, 1109 Jack-
 son St., Scranton, Pa.
 American Crayon Co., George E. Parmenter, 1st V.
 Pres., 130 W. 42nd St., New York, N. Y.; also
 Sandusky, Ohio.
 American Mfg. Co., Charles Hock, Mgr., 465 Jack-
 son Ave., New York, N. Y.
 Carter's Ink Co., Walter F. Wyman, Gen. sales
 Mgr., 239 1st St., Cambridge, Mass.
- Davids, Thaddeus, Ink Co. (Inc.), W. J. Walsh,
 sales Mgr., 95 Vandam St., New York, N. Y.
 Davis, William A., Co., Kenneth S. Stevenson, Sec.,
 50 Beaumont St., Canton, Mass.
 Diamond Ink Co., Robt. R. Ritz, Pres., 817 34th
 St., Milwaukee, Wis.
 Edison Pen Co., R. L. Arnold, Sec., Washington
 St., Petersburg, Va.

- Garvey Fountain Brush & Ink Co., Edward S. Garvey, Pres., 1617 N. 7th St., St. Louis, Mo.
 General Eclipse Co., Luther Piling, Treas., Furnace St., Danielson, Conn.
 Howard Chemical & Mfg. Co. (Inc.), L. B. Bortnick, Pres., 2104 Fourth Ave., S., Minneapolis, Minn.
 Kirk Ink Co., Benj. H. Kirk, Treas., 2316 W. Harrison St., Chicago, Ill.
 Levison & Blythe Mfg. Co., F. W. Palmer, Pres., 209 Locust St., St. Louis, Mo.
 Liberty Ink Co., J. Robt. Weissman, Mem. firm, 105 Scholes St., Brooklyn, N. Y.
 Luther Ink & Stamp Pad Co., Henry J. Luther, Pres., 55 E. Park St., Newark, N. J.
 Parker Pen Co., Kenneth Parker, Asst. Treas., Court & Division Sts., Janesville, Wis.
 Powers National Ink Co. (Inc.), J. H. Johns, Mgr., 2112 Stout St., Denver, Colo.
 Riverside Chemical Co. (Inc.), George R. Rasch, V. Pres., 1188 Oliver St., North Tonawanda, N. Y.
 Scriptex Ink & Paste Co., Geo. B. Bush, Pres., 519 S. 2d St., Phila., Pa.
 Smith, Fritz, Mfg. Co., J. Wilson, Sec., 923 N. 6th St., St. Louis, Mo.
 Stafford, S. S. (Inc.), W. S. Stafford, Pres., 609 Washington St., New York, N. Y.
 Sterling Ink Co. (Inc.), P. T. Lewis, V. Pres., 1201 S. 3d St., Minneapolis, Minn.
 Underwood, John, & Co., H. G. Telle, Mgr., 62 Park Place, New York, N. Y.
 Wallior Chemical Works, F. A. Wallior, owner, 528 Dauphine St., New Orleans, La.
 Weil, J. H. & Co., Walter A. Kohn, Mem. firm, 1315 Cherry St., Phila., Pa.

Spec. 165, RED INK

- Abbey, R. A. Co., R. A. Abbey, owner, 1109 Jackson St., Scranton, Pa.
 American Manifold Products Corp., A. M. Oppenheimer, Sec., 2900 Darwin Terrace, Chicago, Ill.
 American Mfg. Co., Charles Hock, Mgr., 465 Jackson Ave., New York, N. Y.
 Carter's Ink Co., Walter F. Wyman, Gen. sales Mgr., 239 1st St., Cambridge, Mass.
 Davids, Thaddeus, Ink Co. (Inc.), W. J. Walsh, sales Mgr., 95 Vandam St., New York, N. Y.
 Davis, William A. Co., Kenneth S. Stevenson, Sec., 50 Beaumont St., Canton, Mass.
 Diamond Ink Co., Robert R. Ritz, Pres., 817 34th St., Milwaukee, Wis.
 Edison Pen Co., R. L. Arnold, Sec., Washington St., Petersburg, Va.
 Garvey Fountain Brush & Ink Co., Edward S. Garvey, Pres., 1617 N. 7th St., St. Louis, Mo.
 General Eclipse Co., Luther Piling, Treas., Furnace St., Danielson, Conn.
 Higgins, Chas. M., & Co., Tracy Higgins, 271 Ninth St., Brooklyn, N. Y.
 Howard Chemical & Mfg. Co. (Inc.), L. B. Bortnick, Pres., 2104 4th Ave. S., Minneapolis, Minn.
 Kirk Ink Co., Benj. H. Kirk, Treas., 2316 W. Harrison St., Chicago, Ill.
 Levison & Blythe Mfg. Co., F. W. Palmer, Pres., 209 Locust St., St. Louis, Mo.
 Liberty Ink Co., J. Robt. Weissman, Mem. firm, 105 Scholes St., Brooklyn, N. Y.
 Luther Ink & Stamp Pad Co., Henry J. Luther, Pres., 55 E. Park St., Newark, N. J.
 Parker Pen Co., Kenneth Parker, Asst. Treas., Court & Division Sts., Janesville, Wis.
 Powers National Ink Co. (Inc.), J. H. Johns, Mgr., 2112 Stout St., Denver, Colo.
 Riverside Chemical Co. (Inc.), George A. Rasch, V. Pres., 1188 Oliver St., North Tonawanda, N. Y.
 Scriptex Ink & Paste Co., Geo. B. Bush, Pres., 519 S. 2d St., Phila., Pa.
 Stafford, S. S. (Inc.), W. S. Stafford, Pres., 609 Washington St., New York, N. Y.
 Underwood, John, & Co., H. G. Teele, Mgr., 62 Park Place, New York, N. Y.
 Wallior Chemical Works, F. A. Wallior, owner, 528 Dauphine St., New Orleans, La.
 Waterman, L. E., Co., Frank D. Waterman, jr., Treas., 191 Broadway, New York, N. Y.
 Weil, J. H. & Co., Walter A. Kohn, Mem. firm, 1315 Cherry St., Phila., Pa.

Spec. 166, STAMP-PAD INK

- Abbey, R. A., Co., R. A. Abbey, owner, 1109 Jackson St., Scranton, Pa.
 American Mfg. Co., Charles Hock, Mgr., 465 Jackson Ave., New York, N. Y.
 Botts Mfg. Co., Alexander Botts, Prop., 72 3d St., Brooklyn, N. Y.
 Carter's Ink Co., Walter F. Wyman, Gen. sales Mgr., 239 1st St., Cambridge, Mass.
 Davids, Thaddeus, Ink Co. (Inc.), W. J. Walsh, sales Mgr., 95 Vandam St., New York, N. Y.
 Diamond Ink Co., Robert R. Ritz, Pres., 817 34th St., Milwaukee, Wis.
 Garvey Fountain Brush & Ink Co., Edward S. Garvey, Pres., 1617 N. 7th St., St. Louis, Mo.
 Kirk Ink Co., Benj. H. Kirk, Treas., 2316 W. Harrison St., Chicago, Ill.
 Levison & Blythe Mfg. Co., F. W. Palmer, Pres., 209 Locust St., St. Louis, Mo.
 Liberty Ink Co., J. Robt. Weissman, Mem. firm, 105 Scholes St., Brooklyn, N. Y.
 Luther Ink & Stamp Pad Co., Henry J. Luther, Pres., 55 E. Park St., Newark, N. J.
 Northwest Chemical & School Supply Co., F. A. Bronson, V. Pres., 728 E. Sprague Ave., Spokane, Wash.
 Powers National Ink Co. (Inc.), J. H. Johns, Mgr., 2112 Stout St., Denver, Colo.
 Sinclair & Valentine Co., Walter R. Shepherd, Treas., 11 St. Clair Place, New York, N. Y.
 Smith, R. H., Mfg. Co., Frank A. Wakefield, Sec., 367 Worthington St., Springfield, Mass.
 Stafford, S. S. (Inc.), W. S. Stafford, Pres., 609 Washington St., New York, N. Y.
 Standard Printing Ink Co., Adolph Pryer, Pres., 1638 Providence St., Cincinnati, Ohio.
 Stenno Ribbon & Carbon Mfg. Co., George L. Koehn, Pres., 31st & Sandy Blvd., Portland, Ore.
 Underwood, John, & Co., H. G. Teele, Mgr., 62 Park Place, New York, N. Y.
 Union Ribbon & Carbon Co., Arthur E. Moorshead, Treas., 67 Laurel St., Phila., Pa.
 Wallior Chemical Works, F. A. Wallior, owner, 528 Dauphine St., New Orleans, La.

Spec. 167a, TYPEWRITER RIBBONS

- American Manifold Products Corp., M. Oppenheimer, Sec., 2900 Darwin Terrace, Chicago, Ill.
 American Mfg. Co., Charles Hock, Mgr., 465 Jackson Ave., New York, N. Y.
 American Multigraph Co., R. G. A. Phillips, V. Pres., E. 40th & Kelley Ave., Cleveland, Ohio.
 Apter, M. S., Mfg. Co., M. S. Apter, owner, 552 W. Harrison St., Chicago, Ill.
 Carter's Ink Co., Walter F. Wyman, Gen. sales Mgr., 239 1st St., Cambridge, Mass.
 Codo Mfg. Corp., F. S. Cooper, Pres., 1220 Second Ave., Coraopolis, Pa.
 Columbia Ribbon & Carbon Mfg. Co. (Inc.), H. M. Traevern, order Dept. Mgr., 69 Wooster St., New York, N. Y.
 Consolidated Ribbon & Carbon Co., M. Oppenheimer, Sec., 63 E. Adams St., Chicago, Ill.
 Crown Ribbon & Carbon Mfg. Co., A. W. Olmsted, Treas., 782 St. Paul St., Rochester, N. Y.
 Duplico Mfg. Co., Chas. E. Archbald, Pres., 65 Mine St., New Brunswick, N. J.
 Foyer, Chas. A., & Co., G. J. Foyer, Mgr., 1104 Prospect Ave., Cleveland, Ohio.
 Frankel Carbon & Ribbon Mfg. Co., Henry G. Frankel, owner, 2150 Arapahoe St., Denver, Colo.
 Hess Hawkins Co., Bertrand Paradise, Pres., 561 Grand Ave., Brooklyn, N. Y.
 Hindle, T. H., Co., T. H. Hindle, Mgr., 116 Duane St., New York, N. Y.
 Iron Clad Ribbon & Carbon Co., George L. Norris, Treas., 150 Greene St., New York, N. Y.
 Kee Lox Mfg. Co., Charles K. Heebush, Sec., 10 Kee Lox Place, Rochester, N. Y.
 Little, A. P. (Inc.), A. E. Steele, Sec., 100 S. Fitzhugh St., Rochester, N. Y.
 Miller-Bryant-Pierce Co., E. R. Koehm, V. Pres., 189 South River St., Aurora, Ill.
 Milo Ribbon & Carbon Corp., Joseph P. Craugh, Treas., 206 Elm St., Penn Yan, N. Y.
 Mittag Volger (Inc.), A. H. Barkerding, V. Pres., Park Ridge, N. J.
 Old Town Ribbon & Carbon Co. (Inc.), Adolph Rose, V. Pres., 176 Johnson St., Brooklyn, N. Y.
 Phillips Ribbon & Carbon Co. (Inc.), Leland A. Phillips, Pres., 61 Halstead St., Rochester, N. Y.
 Queen Ribbon & Carbon Co., Henry Ring, Mem. firm, 109 Reade St., New York, N. Y.
 Remington Rand Business Service (Inc.), C. P. Franchot, V. Pres., 1106 G St., NW., Washington, D. C.
 Snelling & Son, William H. Snelling, 225 34th St., Brooklyn, N. Y.
 Stafford, S. S. (Inc.), W. S. Stafford, Pres., 609 Washington St., New York, N. Y.
 Stenno Ribbon & Carbon Mfg. Co., George L. Koehn, Pres., 31st & Sandy Blvd., Portland, Ore.
 Storms, H. M. Co., Bertrand Paradise, Pres., 561 Grand Ave., Brooklyn, N. Y.
 Underwood, John, & Co., H. G. Teele, Mgr., 62 Park Place, New York, N. Y.
 Union Ribbon & Carbon Co., Arthur E. Moorshead, Treas., 67 Laurel St., Phila., Pa.
 Vacuo Static Carbon Co., H. H. Miller, Pres., 77 St. Paul St., Rochester, N. Y.
 Webster, F. S., Co. (Inc.), Chas. P. Garrin, Gen. sales Mgr., 332 Congress St., Boston, Mass.
 Western Carbon Paper Mfg. Co., C. K. Bland, Pres., 800 E. 16th St., Los Angeles, Calif.
 Write (Inc.), William C. Glover, V. Pres., 420 Lexington Ave., New York, N. Y.

Spec. 168a, HECTOGRAPH RIBBONS

- Allen Co., F. H. Mahlen, Sec., 11 Vandewater St., New York, N. Y.
 American Manifold Products Corp., M. Oppenheimer, Sec., 2900 Darwin Terrace, Chicago, Ill.
 American Mfg. Co., Charles Hock, Mgr., 465 Jackson Ave., New York, N. Y.
 Apter, M. S., Mfg. Co., M. S. Apter, owner, 552 W. Harrison St., Chicago, Ill.
 Carter's Ink Co., Walter F. Wyman, Gen. sales Mgr., 239 1st St., Cambridge, Mass.
 Codo Mfg. Corp., F. S. Cooper, Pres., 1220 Second Ave., Coraopolis, Pa.
 Columbia Ribbon & Carbon Mfg. Co. (Inc.), H. M. Traevern, order Dept. Mgr., 69 Wooster St., New York, N. Y.
 Consolidated Ribbon & Carbon Co., M. Oppenheimer, Sec., 63 E. Adams St., Chicago, Ill.
 Crown Ribbon & Carbon Mfg. Co., A. W. Olmsted, Treas., 782 St. Paul St., Rochester, N. Y.
 Ditto (Inc.), K. N. Henderson, V. Pres., Harrison at Oakley Blvd., Chicago, Ill.
 Duplico Mfg. Co., Chas. E. Archbald, Pres., 65 Mine St., New Brunswick, N. J.
 Foyer, Chas. A., & Co., G. J. Foyer, Mgr., 1104 Prospect Ave., Cleveland, Ohio.
 Frankel Carbon & Ribbon Mfg. Co., Henry G. Frankel, owner, 2150 Arapahoe St., Denver, Colo.
 Hess-Hawkins Co., Bertrand Paradise, Pres., 561 Grand Ave., Brooklyn, N. Y.
 Iron Clad Ribbon & Carbon Co., G. L. Norris, Treas., 150 Greene St., New York, N. Y.
 Kee Lox Mfg. Co., Charles K. Heebush, Sec., 10 Kee Lox Place, Rochester, N. Y.
 Little, A. P. (Inc.), A. E. Steele, Sec., 100 S. Fitzhugh St., Rochester, N. Y.
 Miller-Bryant-Pierce Co., E. R. Koehn, V. Pres., 189 S. River St., Aurora, Ill.
 Milo Ribbon & Carbon Corp., Joseph P. Craugh, Treas., 206 Elm St., Penn Yan, N. Y.
 Mittag Volger (Inc.), A. W. Barkerding, V. Pres., Park Ridge, N. J.
 Old Town Ribbon & Carbon Co. (Inc.), Adolphe Rose, V. Pres., 176 Johnson St., Brooklyn, N. Y.
 Phillips Ribbon & Carbon Co. (Inc.), Leland A. Phillips, Pres., 61 Halstead St., Rochester, N. Y.
 Queen Ribbon & Carbon Co., Henry C. King, Mem. firm, 109 Reade St., New York, N. Y.
 Remington Rand Business Service (Inc.), C. P. Franchot, V. Pres., 1106 G St. NW., Washington, D. C.
 Stafford, S. S. (Inc.), W. S. Stafford, Pres., 609 Washington St., New York, N. Y.
 Stenno Ribbon & Carbon Mfg. Co., George L. Koehn, Pres., 31 St. & Sandy Blvd., Portland, Ore.

- Storms, H. M. Co., Bertrand Paradise, Pres., 561 Grand Ave., Brooklyn, N. Y.
 Underwood, John, & Co., H. G. Teele, Mgr., 62 Park Place, New York, N. Y.
 Vacuo Static Carbon Co., H. H. Miller, Pres., 77 St. Paul St., Rochester, N. Y.
 Webster, F. S., Co. (Inc.), Chas. P. Garrin, Gen. sales Mgr., 332 Congress St., Boston, Mass.
 Western Carbon Paper Mfg. Co., C. K. Bland, Pres., 800 E. 16th St., Los Angeles, Calif.
 Write (Inc.), William C. Glover, V. Pres., 420 Lexington Ave., New York, N. Y.

Spec. 169a, COMPUTING & RECORDING MACHINE RIBBONS

- Allen Co., F. H. Mahlen, Sec., 11 Vandewater St., New York, N. Y.
 American Manifold Products Corp., M. Oppenheimer, Sec., 2900 Darwin Terrace, Chicago, Ill.
 Apter, M. S., Mfg. Co., M. S. Apter, owner, 552 W. Harrison St., Chicago, Ill.
 Carter's Ink Co., Walter F. Wyman, Gen. sales Mgr., 239 1st St., Cambridge, Mass.
 Columbia Ribbon & Carbon Mfg. Co. (Inc.), H. M. Traevern, order Dept. Mgr., 69 Wooster St., New York, N. Y.
 Consolidated Ribbon & Carbon Co., M. Oppenheimer, Sec., 63 E. Adams St., Chicago, Ill.
 Duplico Mfg. Co., Chas. E. Archbald, Pres., 65 Mine St., New Brunswick, N. J.
 Foyer, Chas. A., & Co., G. J. Foyer, Mgr., 1104 Prospect Ave., Cleveland, Ohio.
 Hess Hawkins Co., Bertrand Paradise, Pres., 561 Grand Ave., Brooklyn, N. Y.
 Iron Clad Ribbon & Carbon Co., G. L. Norris, Treas., 150 Greene St., New York, N. Y.
 Kee Lox Mfg. Co., Charles K. Heelebush, Sec., 10 Kee Lox Place, Rochester, N. Y.
 Little, A. P. (Inc.), A. E. Steele, Sec., 100 S. Fitzhugh St., Rochester, N. Y.
 Miller-Bryant-Pierce Co., E. R. Koehn, V. Pres., 189 S. River St., Aurora, Ill.
 Milo Ribbon & Carbon Corp., Joseph P. Craugh, Treas., 206 Elm St., Penn Yan, N. Y.
 Mittag & Volger (Inc.), A. H. Barkerding, V. Pres. & Gen. Mgr., Park Ridge, N. J.
 Old Town Ribbon & Carbon Co. (Inc.), Adolph Rose, V. Pres., 176 Johnson St., Brooklyn, N. Y.
 Phillips Ribbon & Carbon Co. (Inc.), Leland A. Phillips, Pres., 61 Halstead St., Rochester, N. Y.
 Queen Ribbon & Carbon Co., Henry Ring, Mem. firm, 109 Reade St., New York, N. Y.
 Remington Rand Business Service (Inc.), C. P. Franchot, V. Pres., 1106 G St., NW., Washington, D. C.
 Stafford, S. S. (Inc.), W. S. Stafford, Pres., 609 Washington St., New York, N. Y.
 Stenno Ribbon & Carbon Mfg. Co., George L. Koehn, Pres., 31st & Sandy Blvd., Portland, Oreg.
 Storms, H. M., Co., Bertrand Paradise, Pres., 561 Grand Ave., Brooklyn, N. Y.
 Underwood, John, & Co., H. G. Teele, Mgr., 62 Park Place, New York, N. Y.
 Union Ribbon & Carbon Co., Arthur E. Moorshead, Treas., 67 Laurel St., Phila., Pa.
 Vacuo Static Carbon Co., H. H. Miller, Pres., 77 St. Paul St., Rochester, N. Y.
 Webster, F. S., Co. (Inc.), Chas. P. Garrin, Gen. sales Mgr., 332 Congress St., Boston, Mass.
 Western Carbon Paper Mfg. Co., C. K. Bland, Pres., 800 E. 16th St., Los Angeles, Calif.
 Write (Inc.), William C. Glover, V. Pres., 420 Lexington Ave., New York, N. Y.

Spec. 175, KNIFE SWITCHES

- A. G. Mfg. Co., C. W. Hepler, Asst. to Mgr., 303 W. Hudson St., Seattle, Wash.
 Barber Electric Mfg. Co., H. C. Barber, Pres., 30 Chestnut St., N. Attleboro, Mass.
 Barkelew Electric Mfg. Co., C. W. Denny, Pres., 1208 Reynolds Ave., Middletown, Ohio.
 Brown & Pengilly, C. H. Talmage, sales Mgr., 2114 E. 9th St., Los Angeles, Calif.
 Bryant Electric Co., H. P. Harris, sales service Mgr., 1421 State St., Bridgeport, Conn.
 Butte Electric & Mfg. Co., Paul C. Butte, owner, 956 Folsom St., San Francisco, Calif.
 Commonwealth Electric Co., J. M. Whalen, Pres., 417 Broadway, St. Paul, Minn.
 Connecticut Electric Mfg. Co., A. M. Birks, Asst. sales Mgr., Conn. & Florence Aves., Bridgeport, Conn.
 Drendell Electric & Mfg. Co., L. Siebert, V. Pres., 1760 Howard St., San Francisco, Calif.
 Electrical Mfg. Co., F. T. Kovar, Pres., 4149 E. 79th St., Cleveland, Ohio.
 Electric Panelboard Co., Chester T. Macdonald, Sec., 426 Exchange St., Rochester, N. Y.
 General Electric Co., D. W. Niven, Mgr. Federal & marine Dept., 1 River Rd., Schenectady, N. Y.
 Graybar Electric Co., W. H. Leathers, Mgr. Gov. Dept. 100 E. 42nd St., New York, N. Y.
 Heinemann Electric Co., Bernard Berlin, Pres., 1730 N. 5th St., Phila., Pa.
 Laganke Electric Co., W. E. Laganke, Prop. 2400 Woodland Ave., Cleveland, Ohio.
 Leonard Electric Mfg. Co., S. M. Keir, Engr., 3907 Perkins Ave., Cleveland, Ohio.
 Lexington Electric Products Co. (Inc.), Irving V. Cole, Gen. Mgr., 419 E. 24th St., New York, N. Y.
 Majestic Electric Mfg. Co., J. Smurcina, V. Pres., 806 N. 12th St., St. Louis Mo.
 Mendell Electric Mfg. Co. (Inc.), Charles W. Smith, Engr., Main & Depot Sts., Mattapoisett, Mass.
 Mutual Electric & Machine Co., Leon H. Frank, V. Pres., 7610 Joseph Campau Ave., Detroit, Mich.
 Oliver Electric & Mfg. Co., J. A. Amos, V. Pres., 4221 Forest Park Blvd., St. Louis, Mo.
 Thoner & Martens, Rudolph M. Martens, partner, 463 Commercial St., Boston, Mass.
 Trumbull Electric Mfg. Co., S. S. Gwillim, Sec., Woodford Ave., Plainville, Conn.
 Trumbull-Vanderpoel Electric Mfg. Co., Ralph K. Mann, Pres., Bantam, Conn.
 Walker Switchboard Co., J. F. Sechler, sales Mgr., 1020 W. Susquehanna Ave., Phila., Pa.
 Westinghouse Electric & Mfg. Co., T. D. Halliwell, Mgr., wiring devices sec., East Pittsburgh, Pa.

Spec. 177a, KRAFT WRAPPING PAPER

(Now being revised.)

Spec. 178a, SULPHITE MANILA WRAPPING PAPER

(Now being revised.)

Spec. 179, NO. 1 GRADE BLUE-PRINT PAPER (SENSITIZED AND UNSENSITIZED)

American Writing Paper Co. (Inc.), W. J. Norton, Asst. Sec., 9 Main St., Holyoke, Mass.	Indianapolis Blue Print & Supply Co., L. B. Winn, Pres., 151 E. Maryland St., Indianapolis, Ind.
Brown, L. L., Paper Co., A. Willard Daniels, Treas., Commercial & Center Sts., Adams, Mass. (Unsensitized only.)	Keuffel & Esser Co., Carl M. Bernegau, V. Pres., 3d and Adams Sts., Hoboken, N. J.
Bruning, Charles, Co. (Inc.), Charles Bruning, Pres., 102 Reade St., New York, N. Y.	Kolesch & Co., Theo. R. Baron, Asst. Treas., 138 Fulton St., New York, N. Y.
Cole, H., Co., R. E. Cole, Pres., 24 N. High St., Columbus, Ohio.	Pease, C. F., Co., Oscar O. Mertz, Sec., 813 N. Franklin St., Chicago, Ill.
Dietzgen, Eugene, Co. (Inc.), G. C. Allen, Asst. Mgr., 218 E. 23d St., New York, N. Y.	Seattle Blue Print Co., B. C. Graham, Mgr., Railway Exchange Bldg., Seattle, Wash.
Electro Sun Co. (Inc.), Ralph Bloomfield, V. Pres., 161 Washington St., New York, N. Y.	Southworth Co., Mehron D. Southworth, Treas., Mittineague, Mass.
Hawthorne Paper Co., G. W. Guplicide, Pres., Lincoln Ave., Kalamazoo, Mich. (Unsensitized only.)	Spaulding Moss Co., Philip B. Terry, V. Pres., 42 Franklin St., Boston, Mass.
Hobart Paper Co., E. A. Stein, Sec., 111 W. Washington St., Chicago, Ill.	Strathmore Paper Co., B. A. Jeanllen, V. Pres., Mittineague, Mass.
Huey Co., A. H. Huey, Sec., 19 S. Wabash Ave., Chicago, Ill.	United States Blue Print Paper Co., Arthur Beiser, Pres., 207 S. Wabash Ave., Chicago, Ill.
	Weil, J. H., & Co., Walter A. Kohn, Mem. firm, 1315 Cherry St., Phila., Pa.

Spec. 180, NO. 2 GRADE BLUE-PRINT PAPER (SENSITIZED AND UNSENSITIZED)

American Writing Paper Co. (Inc.), W. J. Norton, Asst. Sec., 9 Main St., Holyoke, Mass.	Keuffel & Esser Co., Carl M. Bernegau, V. Pres., 3d & Adams Sts., Hoboken, N. J.
Brown, L. L., Paper Co., A. Willard Daniels, Treas., Commercial & Center Sts., Adams, Mass.	Kolesch & Co., Theo. R. Baron, Asst. Treas., 138 Fulton St., New York, N. Y.
Bruning, Charles, Co. (Inc.), Charles Bruning, Pres., 102 Reade St., New York, N. Y.	Pease, C. F., Co., Oscar O. Mertz, Sec., 813 N. Franklin St., Chicago, Ill.
Dietzgen, Eugene, Co. (Inc.), G. C. Allen, Asst. Mgr., 218 E. 23d St., New York, N. Y.	Seattle Blueprint Co., Ben C. Graham, Mgr., Railway Exchange Bldg., Seattle, Wash.
Electro Sun Co. (Inc.), Ralph Bloomfield, V. Pres., 161 Washington St., New York, N. Y.	Southworth Co., Mehron D. Southworth, Treas., Mittineague, Mass.
Hawthorne Paper Co., G. H. Guplicide, Pres., Lincoln Ave., Kalamazoo, Mich. (Unsensitized only.)	Spaulding Moss Co., Philip B. Terry, V. Pres., 42 Franklin St., Boston, Mass.
Hobart Paper Co., E. A. Stein, Sec., 111 W. Washington St., Chicago, Ill.	Strathmore Paper Co., B. A. Jeanllen, V. Pres., Mittineague, Mass.
Huey Co., A. H. Huey, Sec., 19 S. Wabash Ave., Chicago, Ill.	United States Blue Print Paper Co., Arthur Beiser, Pres., 207 S. Wabash Ave., Chicago, Ill.
Indianapolis Blue Print & Supply Co., L. G. Winn, Pres., 151 E. Maryland St., Indianapolis, Ind.	Weil, J. H., & Co., Walter A. Kohn, Mem. firm., 1315 Cherry St., Phila., Pa.

Spec. 181, NO. 3 GRADE BLUE-PRINT PAPER (SENSITIZED AND UNSENSITIZED)

American Writing Paper Co. (Inc.), W. J. Norton, Asst. Sec., 9 Main St., Holyoke, Mass.	Indianapolis Blue Print & Supply Co., L. G. Winn, Pres., 151 E. Maryland St., Indianapolis, Ind.
Brown, L. L., Paper Co., A. Willard Daniels, Treas., Commercial & Center Sts., Adams, Mass.	Keuffel & Esser Co., Carl M. Bernegau, V. Pres., 3d & Adams Sts., Hoboken, N. J.
Bruning, Charles Co. (Inc.), Charles Bruning, Pres., 102 Reade Sts., New York, N. Y.	Kolesch & Co., Theo. R. Baron, Asst. Treas., 138 Fulton St., New York, N. Y.
Defiance Sales Corporation, William F. Allen, Sec., 26 E. 42nd St., New York, N. Y.	Pease, C. F., Co., Oscar O. Mertz, Sec., 813 N. Franklin St., Chicago, Ill.
Dietzgen, Eugene Co. (Inc.), G. C. Allen, Asst. Mgr., 218 E. 23d St., New York, N. Y.	Seattle Blueprint Co., Ben C. Graham, Mgr., Railway Exchange Bldg., Seattle, Wash.
Electro Sun Co. (Inc.), Ralph Bloomfield, V. Pres., 161 Washington St., New York, N. Y.	Southworth Co., Mehron D. Southworth, Treas., Mattineague, Mass.
Hawthorne Paper Co., G. H. Guplicide, Pres., Lincoln Ave., Kalamazoo, Mich. (Unsensitized only.)	Spaulding Moss Co., Philip B. Terry, V. Pres., 42 Franklin St., Boston, Mass.
Hobart Paper Co., E. A. Stein, Sec., 111 W. Washington St., Chicago, Ill.	Strathmore Paper Co., B. A. Jeanllen, V. Pres., Mattineague, Mass.
Huey Co., A. H. Huey, Sec., 19 S. Wabash Ave., Chicago, Ill.	United States Blue Print Paper Co., Arthur Beiser, Pres., 207 S. Wabash Ave., Chicago, Ill.
	Weil, J. H., & Co., Walter A. Kohn, Mem. firm, 1315 Cherry St., Phila., Pa.

Spec. 182a, PAPER, BROWN PROCESS (SENSITIZED AND UNSENSITIZED)

- American Writing Paper Co. (Inc.), W. J. Norton, Asst. Sec., 9 Main St., Holyoke, Mass.
 Brown, L. L., Paper Co., A. W. Daniels, Treas., Commercial & Center Sts., Adams, Mass.
 Bruning, Chas., Co. (Inc.), Chas. Bruning, Pres., 102 Reade St., New York, N. Y.
 Dietzgen, Eugene Co. (Inc.), G. C. Allen, Asst. Mgr., 218 E. 23d St., New York, N. Y.
 Electro Sun Co. (Inc.), R. Bloomfield, V. Pres., 161 Washington St., New York, N. Y.
 Huey Co., A. H. Huey, Sec., 19 S. Wabash Ave., Chicago, Ill.
 Indianapolis Blue Print & Supply Co., L. G. Winn, Pres., 151 E. Maryland St., Indianapolis, Ind.
 Keuffel & Esser Co., C. M. Bernegau, V. Pres., 3d & Adams Sts., Hoboken, N. J.
 Kolesch & Co., Theo. R. Baron, Asst. Treas., 138 Fulton St., New York, N. Y.
 Pease, C. F., Co., O. O. Mertz, Sec., 813 N. Franklin St., Chicago, Ill.
 Polygraphic Co. of America (Inc.), D. H. Werhlow, Sec., 237 Lafayette St., New York, N. Y.
 Seattle Blueprint Co., B. C. Graham, Mgr., Railway Exchange Bldg., Seattle, Wash.
 Southworth Co., M. D. Southworth, Treas., Mattineague, Mass.
 Spaulding Moss Co., Philip B. Terry, V. Pres., 42 Franklin St., Boston, Mass.
 Weil, J. H., & Co., Walter A. Kohn, Mem. firm, 1315 Cherry St., Phila., Pa.

Spec. 183, UPHOLSTERY LEATHER

- American Oak Leather Co., E. L. Neilson, 1st V. Pres., Kenner St., McLean & Dalton Aves., Cincinnati, Ohio.
 Cleveland Tanning Co., F. R. Wilhelmy, sales Mgr., Dennison Ave. & Jennings Rd., Cleveland, Ohio.
 Conneaut Leather Co., Chas. T. Whitney, Pres., W. Adams St., Conneaut, Ohio.
 Eagle-Ottawa Leather Co., Wm. Halton, Pres., Grand Haven, Mich.
 Hudson Belting Co., R. N. Blakeslee, jr., Treas., 79 Beacon St., Worcester, Mass.
 Johnson Belting Co., Mortimer Kaufman, Sec., 423 E. 56th St., New York, N. Y.
 Lackawanna Leather Co., R. C. Good, Pres., 700 Grand Ave., Hackettstown, N. J.
 National Leather Belting Co., N. Freid, Pres., 423 E. 56th St., New York, N. Y.
 Radel Leather Mfg. Co., Frank J. Radel, Pres., 445 Wilson Ave., Newark, N. J.
 Reilly, John, Co., T. S. Miller, Pres., Ave. C, Murray & Aster Sts., Newark, N. J.

Spec. 184, LACE LEATHER (VEGETABLE TANNED)

- American Lace Leather Co. (Inc.), H. J. Myers, jr., Pres., Box 121, foot of Perry St., South Richmond, Va.
 Baltimore Belting Co., C. Albert Haugh, V. Pres., 25 S. Gay St., Balto., Md.
 Caldwell Lace Leather Co., W. C. Howlett, Mgr. selling Dept., Main St., Auburn, Ky.
 California Tanning Co., George E. Beckmann, V. Pres., 1905 Shenandoah Ave., St. Louis, Mo.
 Chicago Rawhide Mfg. Co., Stuart E. Ullman, Treas., 1301 Elston Ave., Chicago, Ill.
 Cook, H. N., Belting Co., Milton H. Cook, Pres., 401 Howard St., San Francisco, Calif.
 Couse & Bolton (Inc.), Samuel J. Dannhirs, Pres., 42 Lafayette St., Newark, N. J.
 Druid Oak Belting Co. (Inc.), H. C. Staley, V. Pres., 111 E. Lombard St., Balto., Md.
 Hudson Belting Co., Robert N. Blakeslee, jr., Treas., 79 Beacon St., Worcester, Mass.
 Johnson Belting Co., Mortimer Kaufman, Sec., 423 E. 56th St., New York, N. Y.
 National Leather Belting Co., Nathan Freid, Pres., 423 E. 56th St., New York, N. Y.
 Norwich Belt Mfg. Co. (Inc.), W. H. Gallups, Asst. to Pres., Norwich, Conn.
 Palmer, N., Belting Co., Raymond Hargraves, Sec., 571 Iranistan Ave., Bridgeport, Conn.
 Philadelphia Belting Co., H. Perpall, Mem. firm, 6th & Spring Garden Sts., Phila., Pa.
 Rhoads, J. E., & Sons, J. Edgar Rhoads, Mem. firm, 35 N. 6th St., Phila., Pa.
 Schieren, Chas. A., Co., Roy C. Moore, Sec., 30 Ferry St., New York, N. Y.
 Scholze, Robert, Tannery, Robert Scholze, Chattanooga, Tenn.
 West Coast Tanning Co., A. A. Cherveney, Pres., 892 Tonino Ave., Portland, Oreg.

Spec. 191, BRUSH, BLACKING AND DAUBER

- Auburn Brush Co. (Inc.), LeRoy B. Breneman, sales Mgr., Market St. at Alley 1, Columbia, Pa.
 Bentzinger Bros., Ralph Bentzinger, sr., owner, 2 S. Main St., St. Louis, Mo.
 Bowditch-Packard Co., John P. Bowditch, 166 Commercial St., Boston, Mass.
 Costello, J. S., & Son Brush Co., F. C. Brennan, Sec., 1108 Pine St., St. Louis, Mo.
 Dennin's, O., Sons (Inc.), E. A. Dennin, Treas., 120th St. & 7th Ave., Troy, N. Y.
 Empire Brush Works, J. Bruce Howard, Mgr., 63 Park Row, New York, N. Y.
 Felton United Brush Co., R. H. Daniels, Gen. Mgr., Buckingham St., Toledo, Ohio.
 Gordon Brushes, Francis H. Gordon, Treas., 4 N. 15th St., Harrisburg, Pa.
 Herbert, John F., & Sons (Inc.), Jos. F. Hartmann, Gen. Mgr., 107 Greenkill Ave., Kingston, N. Y.
 Hoosick Falls Brush Co. (Inc.), Sylvester E. Scott, Treas., Hoosick Falls, N. Y.
 India Brush & Mat Co., W. B. Scott, Mgr., 273 Dubois St., Detroit, Mich.
 International Brush Co. (Inc.), E. W. Patrick, Treas., 491 6th Ave., Troy, N. Y.
 Kendallville Broom & Brush Co., W. S. Lang, Pres., Kendallville, Ind.
 Liberty Brush Co., Hyman Ziserman, Prop., 959 N. 5th St., Phila., Pa.

Maendler Brush Mfg. Co. (Inc.), F. W. Frenzel, Sec., 138 E. 9th St., St. Paul, Minn.
 Michigan Brush Mfg. Co. (Inc.), Samuel Scott, Pres., 3701 Michigan Ave., Detroit, Mich.
 Milwaukee Brush Mfg. Co., E. P. Sturch, Pres., 784 30th St., Milwaukee, Wis.
 Mohawk Brush Co., Sol Levi, Treas., 1015 Broadway, Albany, N. Y.
 National Brush Co., C. O. Porter, Treas., Illinois Ave., Aurora, Ill.

Ox Fibre Brush Co., J. W. Wolfe, office Mgr., Frederick, Md.
 United States Brush Co., Carl J. Nagl, Mgr., 4301 N. 28th St., Omaha, Nebr.
 Warner, W. E., Co., G. Meyer, partner, 136 Centre St., New York, N. Y.
 Whiting-Adams Co., Henry H. Hill, Pres., 690 Harrison Ave., Boston, Mass.
 Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.

Spec. 192, BRUSH, CASTING

Felton, S. A., & Son Co., J. B. Felton, Asst. Treas., W. Brook St., Manchester, N. H.
 Herold Bros. Co., K. G. Herold, V. Pres., 1104 N. 9th St., Cleveland, Ohio.
 Kendallville Broom & Brush Co., W. S. Lang, Pres., Kendallville, Ind.
 Maendler Brush Mfg. Co. (Inc.), F. W. Frenzel, Sec., 138 E. 9th St., St. Paul, Minn.
 Manufacturers Brush Co., R. M. Manning, Sec., 1950 W. 114th St., Cleveland, Ohio.
 Milwaukee Brush Mfg. Co., E. P. Sturch, Pres., 770 30th St., Milwaukee, Wis.
 National Brush Co., C. O. Porter, Treas., Illinois Ave., Aurora, Ill.
 Northwestern Mfg. Co., C. K. Smith, Pres., 1324 Capitol Ave., Omaha, Nebr.

Osborn Mfg. Co., C. W. Titgemeyer, sales Mgr., 5401 Hamilton Ave., Cleveland, Ohio.
 Paxson, J. W., Co., S. C. Bougher, Brush & Broom Dept., Luzerne & D Sts., Phila., Pa.
 Peerless Mfg. Co., R. C. Jenkins, Mgr., New Durham, N. H.
 Ridgely Trimmer Co., C. K. Hullinger, Treas., Kenton St., Springfield, Ohio.
 United States Brush Co., Carl J. Nagl, Mgr., 4301 N. 28th St., Omaha, Nebr.
 Warner, W. E., & Co., G. Meyer, partner, 136 Centre St., New York, N. Y.
 Worcester Brush & Scraper Co., Edgar E. Sampson, Treas., 456 Park Ave., Worcester, Mass.
 Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.

Spec. 193, BRUSH, CLOTHES, SCRUBBING

Ames Brush Co., W. W. Conklin, Treas., 3800 Detroit Ave., Toledo, Ohio.
 Auburn Brush Co. (Inc.), LeRoy B. Breneman, sales Mgr., Market St. & Alley 1, Columbia, Pa.
 Bowditch-Packard Co., J. P. Bowditch, 166 Commercial St., Boston, Mass.
 Caro, Jean, Products Co., L. F. Lauth, Gen. Mgr., Spring & Chicago Aves., Freeport, Ill.
 Costello, J. S., Son Brush Co., F. C. Brennan, Sec., 1108 Pine St., St. Louis, Mo.
 Dennin's, O., Sons (Inc.), E. A. Dennin, Treas., 120th & 7th Ave., Troy, N. Y.
 Detroit Quality Brush Mfg. Co., T. Weinbaum, Mgr., 3444 Wesson Ave., Detroit, Mich.
 Gordon Brushes, F. H. Gordon, Treas., 4 N. 15th St., Harrisburg, Pa.
 Felton United Brush Co., R. H. Daniels, Gen. Mgr., Buckingham St., Toledo, Ohio.
 Herbert, John F., & Sons (Inc.), J. F. Hartmann, Gen. Mgr., 107 Greenkill Ave., Kingston, N. Y.

Hoosick Falls Brush Co. (Inc.), S. E. Scott, Treas., W. A. Wood Co. Bldg., Hoosick Falls, N. Y.
 India Brush & Mat Co., W. B. Scott, Mgr., 273 Dubois St., Detroit, Mich.
 International Brush Co. (Inc.), E. W. Patrick, Treas., 491 6th Ave., Troy, N. Y.
 Kendallville Broom & Brush Co., W. S. Lang, Pres., Kendallville, Ind.
 Mohawk Brush Co., Gates B. Augesse, Pres., 1031 Broadway, Albany, N. Y.
 National Brush Co., C. O. Porter, Treas., Illinois Ave., Aurora, Ill.
 Northwestern Mfg. Co., C. K. Smith, Pres., 1324 Capitol Ave., Omaha, Nebr.
 Ox Fibre Brush Co., J. W. Wolfe, office Mgr., Frederick, Md.
 Warner, W. E., & Co., G. Meyer, partner, 136 Centre St. New York, N. Y.
 Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.

Spec. 194, BRUSH, CUSPIDOR

Bentzinger Bros., Ralph Bentzinger, sr., sole owner, Main & Market Sts., St. Louis, Mo.
 Braun Brush Co., William Braun, partner, 8833 78th St., Woodhaven, N. Y.
 Caro, Jean, Products Co., L. F. Lauth, Gen. Mgr., Spring & Chicago Aves., Freeport, Ill.
 Costello, J. S., & Son Brush Co., Frank C. Brennan, Sec., 1108 Pine St., St. Louis, Mo.
 Dearborn Mfg. Co., J. C. Singleton, Pres., 550 W. Harrison St., Chicago, Ill.
 Detroit Quality Brush Mfg. Co., T. Weinblum, Mgr., 3444 Wesson Ave., Detroit, Mich.
 Hertzberg, H., & Son, Robert L. Lake, Dir. of sales, 15 Mercer St., New York, N. Y.
 India Brush & Mat Co., Walter B. Scott, Mgr., 273 Dubois St., Detroit, Mich.

Kendallville Broom & Brush Co., W. S. Lang, Pres., Kendallville, Ind.
 Liberty Brush Co., Hyman Ziserman, Prop., 959 N. 5th St., Phila., Pa.
 Looby Brush Mfg. Co., George F. Looby, Treas., Deep River St., P. O. Centerbrook, Essex, Conn.
 Maendler Brush Mfg. Co. (Inc.), F. W. Frenzel, Sec., 138 E. 9th St., St. Paul, Minn.
 Metal Bound Brush & Broom Co., C. H. Longman, Pres., 119 E. Pearl St., Cincinnati, Ohio.
 Milwaukee Brush Mfg. Co., E. P. Sturch, Pres., 770 30th St., Milwaukee, Wis.
 Moran Bros., Geo. F. Moran, partner, 10 Whiting St., New Haven, Conn.

- Northwestern Mfg. Co., C. K. Smith, Pres., 1324 Capitol Ave., Omaha, Nebr.
 Opie Brush Co., J. T. Opie, owner, 1422 McGee St., Kansas City, Mo.
 Osborn Mfg. Co., C. W. Titgemeyer, sales Mgr., 5401 Hamilton Ave., Cleveland, Ohio.
 United States Brush Co., Carl J. Nagl, Mgr., 4301 N. 28th St., Omaha, Nebr.

- United States Chemical Co., V. W. Mider, Gen. Mgr., Greenville, Ohio.
 Warner, W. E., & Co., G. Meyer, partner, 136 Centre St., New York, N. Y.
 Weil-Ransom Co., Albert Ransom, jr., Treas., 816 Fulton St., Chicago, Ill.
 Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.

Spec. 195a, BRUSH, DAUBER, LONG PADDLE

- Baird Brush Mfg. Co., R. H. Robb, Pres., 829 Wood St., Oakland, Calif.
 Bentzinger Bros., Ralph Bentzinger, sr., owner, 2 S. Main St., St. Louis, Mo.
 Bowditch-Packard Co., John P. Bowditch, 166 Commercial St., Boston, Mass.
 Braun Brush Co., William Braun, partner, 8833 78th St., Woodhaven, N. Y.
 Braun, Paul, Paul Braun, owner, 193 Wilson Ave., Brooklyn, N. Y.
 Caro, Jean, Products Co., L. F. Lauth, Gen. Mgr., Spring & Chicago Aves., Freeport, Ill.
 Costello, J. S., & Son Brush Co., Frank C. Brennan, Sec., 1108 Pine St., St. Louis, Mo.
 Dennin's, O., Sons (Inc.), E. A. Dennin, Treas., 120th St. & 7th Ave., Troy, N. Y.
 Herbert, John F., & Sons (Inc.), Jos. F. Hartmann, Gen. Mgr., 107 Greenkill Ave., Kingston, N. Y.
 India Brush & Mat Co., Walter B. Scott, Mgr., 273 Dubois St., Detroit, Mich.
 Kendallville Broom & Brush Co., W. S. Lang, Pres., Kendallville, Ind.
 Liberty Brush Co., Hyman Ziserman, Prop., 959 N. 5th St., Phila., Pa.

- Linzer & Sons, David, Aaron Linzer, partner, 358 Bowery, New York, N. Y.
 Milwaukee Brush Mfg. Co., E. P. Sturch, Pres., 770 30th St., Milwaukee, Wis.
 Moran Bros., Geo. F. Moran, partner, 10 Whiting St., New Haven, Conn.
 Morek Brush Mfg. Co., Clifford Woodland, Sec., 236 8th St., San Francisco, Calif.
 Northwestern Mfg. Co., C. K. Smith, Pres., 1324 Capitol Ave., Omaha, Nebr.
 Osborn Mfg. Co., C. W. Titgemeyer, sales Mgr., 5401 Hamilton Ave., Cleveland, Ohio.
 Ox Fibre Brush Co., J. W. Wolfe, office Mgr., Frederick, Md.
 Sunset Broom & Brush Co., F. W. Smith, Mgr., 855 Treat Ave., San Francisco, Calif.
 United Brush Manufactories, T. V. Schinven, Treas., 116 Wooster St., New York, N. Y.
 Warner, W. E., & Co., G. Meyer, partner, 136 Centre St., New York, N. Y.
 Weil-Ransom Co., Albert Ransom, jr., Treas., 816 Fulton St., Chicago, Ill.
 Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.

Spec. 196, BRUSH, DECK SCRUBBING

- Baird Brush Mfg. Co., R. H. Robb, Pres., 829 Wood St., Oakland, Calif.
 Braun Brush Co., Wm. Braun, partner, 8833 78th St., Woodhaven, N. Y.
 Costello, J. S., & Son Brush Co., Frank C. Brennan, Sec., 1108 Pine St., St. Louis, Mo.
 Dennin's, O., Sons (Inc.), E. A. Dennin, Treas., 120th St. & 7th Ave., Troy, N. Y.
 Detroit Quality Brush Mfg. Co., T. Weinblum, Mgr., 3444 Wesson Ave., Detroit, Mich.
 Felton, S. A., & Son Co., J. B. Felton, Asst. Treas., W. Brook St., Manchester, N. H.
 Felton United Brush Co., Raymond H. Daniels, Gen. Mgr., Buckingham St., Toledo, Ohio.
 Flatt, J. O., & Co., Geo. W. Flatt, Gen. Mgr., 137 Cedar St., Reading, Pa.
 India Brush & Mat Co., Walter B. Scott, Mgr., 273 Dubois St., Detroit, Mich.
 Kendallville Broom & Brush Co., W. S. Lang, Pres., Kendallville, Ind.
 Leonard Brush & Woodenware Co., W. F. Adams, Pres., 901 W. Main St., Louisville, Ky.
 Milwaukee Brush Mfg. Co., F. P. Sturch, Pres., 770 30th St., Milwaukee, Wis.
 Moran Bros., Geo. F. Moran, partner, 10 Whiting St., New Haven, Conn.

- National Brush Co., C. O. Porter, Treas., Illinois Ave., Aurora, Ill.
 Northwestern Mfg. Co., C. K. Smith., 1324 Capitol Ave., Omaha, Nebr.
 Opie Brush Co., J. T. Opie, owner, 1422 McGee St., Kansas City, Mo.
 Osborn Mfg. Co., C. W. Titgemeyer, sales Mgr., 5401 Hamilton Ave., Cleveland, Ohio.
 Ox Fibre Brush Co., J. W. Wolfe, office Mgr., Frederick, Md.
 Paxson, J. W., Co., S. C. Bougher, brush & broom Dept., Luzerne & D Sts., Phila., Pa.
 Poggensee Brush Co., Henry H. Poggensee, 1921 Armitage Ave., Chicago, Ill.
 Steiert, A., & Son, R. Wanger, Gen. Mgr., Front & Reed Sts., Phila., Pa.
 United States Brush Co., Carl J. Nagl, Mgr., 4301 N. 28th St., Omaha, Nebr.
 United States Chemical Co., V. W. Mider, Gen. Mgr., Greenville, Ohio.
 Warner, W. E., & Co., G. Meyer, partner, 136 Centre St., New York, N. Y.
 Weil-Ransom Co., Albert Ransom, jr., Treas., 816 Fulton St., Chicago, Ill.
 Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.

Spec. 197, BRUSH, HAND FLOOR SCRUBBING

- Auburn Brush Co. (Inc.), LeRoy B. Breneman, sales Mgr., Market St. at Alley 1, Columbia, Pa.
 Baird Brush Mfg. Co., R. H. Robb, Pres., 829 Wood St., Oakland, Calif.
 Bowditch-Packard Co., John P. Bowditch, 166 Commercial St., Boston, Mass.

- Costello, J. S., & Son Brush Co., Frank C. Brennan, Sec., 1108 Pine St., St. Louis, Mo.
 Dennin's, O., Sons (Inc.), L. A. Dennin, Treas., 120th St. & 7th Ave., Troy, N. Y.
 Detroit Quality Brush Mfg. Co., T. Weinblum, Mgr., 3444 Wesson Ave., Detroit, Mich.

- Felton, S. A., & Son Co., J. B. Felton, Asst. Treas., W. Brook St., Manchester, N. H.
 Felton United Brush Co., Raymond H. Daniels, Gen. Mgr., Buckingham St., Toledo, Ohio.
 Fuller Brush Co., N. L. Parsons, Mgr. Ser. Bur., 1080 Windsor Ave., Hartford, Conn.
 Gordon Brushes, Francis H. Gordon, Treas., 4 N. 15th St., Harrisburg, Pa.
 India Brush & Mat Co., Walter B. Scott, Mgr., 273 Dubois St., Detroit, Mich.
 Kendallville Broom & Brush Co., W. S. Lang, Pres., Kendallville, Ind.
 Milwaukee Brush Mfg. Co., E. P. Sturch, Pres., 784 30th St., Milwaukee, Wis.
 Moran Bros., Geo. F. Moran, partner, 10 Whiting St., New Haven, Conn.
 National Brush Co., C. O. Porter, Treas., Illinois Ave., Aurora, Ill.
 Northwestern Mfg. Co., C. K. Smith, Pres., 1324 Capitol Ave., Omaha, Neb.
 Osborn Mfg. Co., C. W. Titgemeyer, sales Mgr., 5401 Hamilton Ave., Cleveland, Ohio.
 Ox Fibre Brush Co., J. W. Wolfe, office Mgr., Frederick, Md.
 Poggensee Brush Co., Henry H. Poggensee, 1921 Armitage Ave., Chicago, Ill.
 Rhode Island Brush Co., A. C. Rounds, 50 Daniel Ave., Providence, R. I.
 United States Chemical Co., V. W. Mider, Gen. Mgr., Greenville, Ohio.
 Warner, W. E., & Co., G. Meyer, partner, 136 Centre St., New York, N. Y.
 Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.

Spec. 198, BRUSH, HAIR, MILITARY

- Alpha Brush Co., James W. Bradshaw, Pres., 33 102nd St., Troy, N. Y.
 Ames Brush Co., Walter W. Conklin, Treas., 3800 Detroit Ave., Toledo, Ohio.
 Bowditch-Packard Co., John P. Bowditch, 166 Commercial St., Boston, Mass.
 Dennin's O., Sons, (Inc.), E. A. Dennin, Treas., 120th St. & 7th Ave., Troy, N. Y.
 Gibson, Geo. R. Co., Thos. A. Barrett, Treas., 11 E. 26th St., New York, N. Y.
 Hoosick Falls Brush Co. (Inc.), Sylvester E. Scott, Treas., Hoosick Falls, N. Y.
 International Brush Co. (Inc.), E. W. Patrick, Treas., 491 6th Ave., Troy, N. Y.
 J. & P. Brush Co. (Inc.), Edgar Joly, Pres., 180 Lancaster St., Cohoes, N. Y.
 Jivorim Corp., Martin Meyer, Pres., 580 Elm St., Arlington, N. J.
 Mohawk Brush Co., Sol Levi, Treas., 1031 Broadway, Albany, N. Y.
 Monarch Brush Co., S. T. Wiener, Sec., 651 3rd Ave., Troy, N. Y.
 Northwestern Mfg. Co., C. K. Smith, Pres., 1324 Capitol Ave., Omaha, Neb.

Spec. 199, BRUSH, RADIATOR DUSTING

- Baird Brush Mfg. Co., R. H. Robb, Pres., 829 Wood St., Oakland, Calif.
 Bentzinger Bros., Ralph Bentzinger, sr., Owner, Main & Market Sts., St. Louis, Mo.
 Bowditch-Packard Co., John P. Bowditch, 166 Commercial St., Boston, Mass.
 Caro, Jean, Products Co., L. F. Lauth, Gen. Mgr., Spring & Chicago Aves., Freeport, Ill.
 Costello, J. S., & Son Brush Co., Frank C. Brennan, Sec., 1108 Pine St., St. Louis, Mo.
 Culicover & Shapiro, Gershon Shapiro, Prop., 252 Pearl St., New York, N. Y.
 Dearborn Mfg. Co., J. C. Singleton, Pres., 550 W. Harrison St., Chicago, Ill.
 Dennin's, O., Sons (Inc.), E. A. Dennin, Treas., 120th St. & 7th Ave., Troy, N. Y.
 Detroit Quality Brush Mfg. Co., T. Weinblum, Mgr., 3444 Wesson Ave., Detroit, Mich.
 Capitol Broom Co., Sigmund Eickstein, V. Pres., 2 Jefferson St., Trenton, N. J.
 Empire Brush Works, J. Bruce Howard, Mgr., 63 Park Row, New York, N. Y.
 Felton, S. A., & Son Co., J. B. Felton, Ass't. Treas., West Brook St., Manchester, N. H.
 Hanlon & Goodman Co., Geo. E. Goodman, Treas., 6 Riverside Ave., Belleville, N. J.
 Herold Bros. Co., K. G. Herold, V. Pres., 1104 N. 9th St., Cleveland, Ohio.
 Hertzberg, H., & Son, Robert L. Lake, Dir. of sales, 15 Mercer St., New York, N. Y.
 India Brush & Mat Co., Walter B. Scott, Mgr., 273 Dubois St., Detroit, Mich.
 Kendallville Broom & Brush Co., W. S. Lang, Pres., Kendallville, Ind.
 Leonard Brush & Woodenware Co., W. T. Adams, Pres., 901 W. Main St., Louisville, Ky.
 Liberty Brush Co., Hyman Ziserman, Prop., 959 N. 5th St., Phila., Pa.
 Linzer, David, & Sons, Aaron Linzer, partner, 358 Bowery, New York, N. Y.
 Maendler Brush Mfg. Co. (Inc.), F. W. Frenzel, Sec., 138 E. 9th St., St. Paul, Minn.
 Milwaukee Brush Mfg. Co., E. P. Sturch, Pres., 770 30th St., Milwaukee, Wis.
 Moran Bros., Geo. F. Moran, partner, 10 Whiting St., New Haven, Conn.
 Murk, Hermann G., & Co., Herman G. Murk, owner, 43 Wells St., Hartford, Conn.
 Northwestern Mfg. Co., C. K. Smith, Pres., 1324 Capitol Ave., Omaha, Neb.
 Opie Brush Co., J. T. Opie, owner, 1422 McGee St., Kansas City, Mo.
 Osborn Mfg. Co., C. W. Titgemeyer, sales mgr., 5401 Hamilton Ave., Cleveland, Ohio.
 Ox Fibre Brush Co., J. W. Wolfe, office mgr., Frederick, Md.
 Poggensee Brush Co., Henry H. Poggensee, 1921 Armitage Ave., Chicago, Ill.
 Sullivan Brush Co., J. B. Miller, Pres., 15 N. State St., Sullivan, Ind.
 Thum, Chas. D., C. K. Van Rensselaer, Mgr., 137 Race St., Phila., Pa.

- United States Brush Co., Carl J. Nagl, Mgr., 4301 N. 28th St., Omaha, Nebr.
 United States Chemical Co., V. W. Mider, Gen. Mgr., Greenville, Ohio.
 Warner, W. E., Co., G. Meyer, partner, 136 Centre St., New York, N. Y.
- Weil-Ransom Co., Albert Ransom, jr., Treas., 816 Fulton St., Chicago, Ill.
 Whiting-Adams Co., Henry H. Hill, Pres., 690 Harrison Ave., Boston, Mass.
 Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.

Spec. 200, BRUSH, SHAVING

- American Safety Razor Corp., Nelson W. Freeley, V. Pres., 303 Jay St., Brooklyn, N. Y.
 Ascher, Leopold, Co. (Inc.), Lawrence Ascher, Mgr., 122 6th Ave., New York, N. Y.
 Bowditch-Packard Co., John P. Bowditch, 166 Commercial St., Boston, Mass.
 Dennin's, O., Sons (Inc.), E. A. Dennin, Treas., 120th St. & 7th Ave., Troy, N. Y.
 Engel, John, & Co., John Engel, partner, 137 W. Broadway, New York, N. Y.
- Gibson, Geo. R., Co., Thomas A. Barrett, Treas., 11 E. 26th St., New York, N. Y.
 Hanlon & Goodman Co., Geo. E. Goodman, Treas., 6 Riverside Ave., Belleville, N. J.
 Kip Brush Co., Alexander C. Postley, Pres., 449 Greenwich St., New York, N. Y.
 Rubberset Co., Thomas B. Denton, V. Pres., 56 Ferry St., Newark, N. J.
 Whiting-Adams Co., Henry H. Hill, Pres., 690 Harrison Ave., Boston, Mass.

Spec. 201, BRUSH, SIDEWALK

- Baird Brush Mfg. Co., R. H. Robb, Pres., 829 Wood St., Oakland, Calif.
 Bentzinger Bros., Ralph Bentzinger, sr., owner, Main & Market Sts., St. Louis, Mo.
 Bernes, Daniel, Co., Geo. F. Sauer, jr., Pres., 114 44th St., Union City, N. J.
 Capitol Broom Co., Sigmund Eickstein, V. Pres., 2 Jefferson St., Trenton, N. J.
 Costello, J. S., & Son Brush Co., Frank C. Brennan, Sec., 1108 Pine St., St. Louis, Mo.
 Dearborn Mfg. Co., J. C. Singleton, Pres., 550 W. Harrison St., Chicago, Ill.
 Detroit Quality Brush Mfg. Co., T. Weinblum, Mgr., 3444 Wesson Ave., Detroit, Mich.
 Empire Brush Works, J. Bruce Howard, Mgr., 63 Park Row, New York, N. Y.
 Goeller's, M. G., Sons, John C. Goeller, jr., Partner, 544 Clinton St., Circleville, Ohio.
 Herold Bros. Co., K. G. Herold, V. Pres., 1104 N. 9th St., Cleveland, Ohio.
 Kendallville Broom & Brush Co., W. S. Lang, Pres., Kendallville, Ind.
 Laitner, A., & Sons, Edward A. Laitner, Mgr., 2000 Brooklyn Ave., Detroit, Mich.
 Lay, Joseph, Co., Frank Harker, Sec., Portland, Ind.
 Leonard Brush & Woodenware Co., W. T. Adams, Pres., 901 W. Main St., Louisville, Ky.
 Liberty Brush Co., Hyman Ziserman, Prop., 959 N. 5th St., Phila., Pa.
 Maendler Brush Mfg. Co. (Inc.), F. W. Frenzel, Sec., 138 E. 9th St., St. Paul, Minn.
 Michigan Brush Mfg. Co. (Inc.), Samuel Scott, Pres., 3701 Michigan Ave., Detroit, Mich.
- Milwaukee Brush Mfg. Co., E. P. Sturch, Pres., 770 30th St., Milwaukee, Wis.
 Moran Bros., Geo. F. Moran, partner, 10 Whiting St., New Haven, Conn.
 Morek Brush Mfg. Co., Clifford Woodland, Sec., 236 8th St., San Francisco, Calif.
 National Broom Mfg. Co., D. Arbaugh, Pres., 230 S. Santa Fe St., Pueblo, Colo.
 Northwestern Mfg. Co., C. K. Smith, Pres., 1324 Capitol Ave., Omaha, Neb.
 Opie Brush Co., J. T. Opie, owner, 1422 McGee St., Kansas City, Mo.
 Osborn Mfg. Co., C. W. Titgemeyer, sales service Mgr., 5401 Hamilton Ave., Cleveland, Ohio.
 Ox Fibre Brush Co., J. W. Wolfe, office Mgr., Frederick, Md.
 Paxson, J. W., Co., S. C. Bougher, brush & broom Dept., Luzerne & D. Sts., Phila., Pa.
 Steiert, A., & Son, Russell Wangner, Gen. Mgr., Front & Reed Sts., Phila., Pa.
 Thum, Chas. D., C. K. Van Rensselaer, Mgr., 137 Race St., Phila., Pa.
 United States Brush Co., Carl J. Nagl, Mgr., 4301 N. 28th St., Omaha, Neb.
 United States Chemical Co., V. W. Mider, Gen. Mgr., Greenville, Ohio.
 Van Tine, Bartlett, & Jones (Inc.), P. A. Jones, Pres., Jonesville, Mich.
 Warner, W. E., Co., G. Meyer, partner, 136 Centre St., New York, N. Y.
 Weil-Ransom Co., Albert Ransom, jr., Treas., 816 Fulton St., Chicago, Ill.
 Young-Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.

Spec. 202, BRUSH, TOOTH

- All-In-One Co., Dr. Lyman L. Zambaugh, owner, 2742 Monroe St., Toledo, Ohio.
 Ames Brush Co., Walter W. Conklin, Treas., 3800 Detroit Ave., Toledo, Ohio.
 Caro, Jean, Products Co., L. F. Lauth, Gen. Mgr., Spring & Chicago Aves., Freeport, Ill.
 Fisher Automatic Brush Machine Co. (Inc.), Chas. E. Fisher, Pres., 165 W. West St., Baltimore, Md.
 Gibson, Geo. R., Co., Thomas A. Barrett, Treas., 11 E. 26th St., New York, N. Y.
 Hughes, Henry L., Co. (Inc.), Ralph H. Goldman, Treas., 300 Madison Ave., New York, N. Y.
 Irvin, James R., & Co. (Inc.), James R. Irvin, Pres., 230 S. Wells St., Chicago, Ill.
 Mic-Lis Mfg. Co., J. W. Michaelis, Pres., 736 Champlain St., Toledo, Ohio.
- Owens Stapletied Brush Co., J. R. Cowell, Gen. Mgr., 901 Buckingham St., Toledo, Ohio.
 Pepsodent Co., Robert E. Spline, Mgr. of Sales, 1104 S. Wabash Ave., Chicago, Ill.
 Rubberset Co., Thomas B. Denton, V. Pres., 56 Ferry St., Newark, N. J.
 Sani-Fold Co. (Inc.), F. H. Baxter, Pres., 289 Nepperhan Ave., Yonkers, N. Y.
 Sekine, I., Co. (Inc.), I. Sekine, Pres., 116 E. 16th St., New York, N. Y.
 Takamine Corp., I. Nash, Mgr., 208 Rawson St., Long Island City, N. Y.
 Western Co., J. F. Woodside, V. Pres., 402 W. Randolph St., Chicago, Ill.

Spec. 203, BRUSH, WINDOW

- Baird Brush Mfg. Co., R. H. Robb, Pres., 829 Wood St., Oakland, Calif.
 Bentzinger Bros., Ralph Bentzinger, sr., owner, Main & Market Sts., St. Louis, Mo.
 Bermes, Daniel, Co., Geo. F. Sawn, jr., V. Pres., 114 44th St., Union City, N. J.
 Bowditch-Packard Co., John P. Bowditch, 166 Commercial St., Boston, Mass.
 Braun, Paul, Paul Braun, owner, 193 Wilson Ave., Brooklyn, N. Y.
 Brenner, A., A. Brenner, 12 N. 3rd St., Phila., Pa.
 Capitol Broom Co., Sigmund Eickstein, V. Pres., 2 Jefferson St., Trenton, N. J.
 Caro, Jean, Products Co., L. F. Lauth, Gen. Mgr., Freeport, Ill.
 Costello, J. S., & Son Brush Co., Frank C. Brennan, Sec., 1108 Pine St., St. Louis, Mo.
 Culicover & Shapiro, Gershon Shapiro, Prop., 252 Pearl St., New York, N. Y.
 Dearborn Mfg. Co., J. C. Singleton, Sec., 550 W. Harrison St., Chicago, Ill.
 Dennin's, O., Sons (Inc.), E. A. Dennin, Treas., 120th St. & 7th Ave., Troy, N. Y.
 Detroit Quality Brush Mfg. Co., T. Weinblum, Mgr., 3444 Wesson Ave., Detroit, Mich.
 Empire Brush Works, J. Bruce Howard, Mgr., 63 Park Row, New York, N. Y.
 Gordon Brushes, Francis H. Gordon, Treas., 4 N. 15th St., Harrisburg, Pa.
 Hardy, Frank H., C. B. Robbins, sales Mgr., Haverhill St., Andover, Mass.
 Herold Bros. Co., K. G. Herold, V. Pres., 1104 N. 9th St., Cleveland, Ohio.
 India Brush & Mat Co., Walter B. Scott, Mgr., 273 Dubois St., Detroit, Mich.
 Kendallville Broom & Brush Co., W. S. Lang, Pres., Kendallville, Ind.
 Laitner, A., & Sons, E. A. Latiner, Mgr., 2000 Brooklyn Ave., Detroit, Mich.
 Leonard Brush & Woodenware Co., W. T. Adams, Pres., 901 W. Main St., Louisville, Ky.
 Liberty Brush Co., Hyman Ziserman, Prop., 959 N. 5th St., Phila., Pa.
 Linzer, David, & Sons, Aaron Linzer, Partner, 358 Bowery, New York, N. Y.
 Maendler Brush Mfg. Co. (Inc.), F. W. Frenzel, Sec., 138 E. 9th St., St. Paul, Minn.
 Michigan Brush Mfg. Co. (Inc.), Samuel Scott, Pres., 3701 Michigan Ave., Detroit, Mich.
 Milwaukee Brush Mfg. Co., E. P. Sturch, Pres., 770 30th St., Milwaukee, Wis.
 Moran Bros., G. F. Moran, partner, 10 Whiting St., New Haven, Conn.
 Morek Brush Mfg. Co., Clifford Woodland, Sec., 236 8th St., San Francisco, Calif.
 Murk, Herman G., & Co., Herman G. Murk, owner, 43 Wells St., Hartford, Conn.
 Northwestern Mfg. Co., C. K. Smith, Pres., 1324 Capitol Ave., Omaha, Neb.
 Opie Brush Co., J. T. Opie, owner, 1422 McGee St., Kansas City, Mo.
 Osborn Mfg. Co., C. W. Titgemeyer, sales Ser. Mgr., 5401 Hamilton Ave., Cleveland, Ohio.
 Ox Fibre Brush Co., J. W. Wolfe, office Mgr., Frederick, Md.
 Phoenix Brush Co. (Inc.), A. Morrell, Pres., 80 Greene St., New York, N. Y.
 Poggensee Brush Co., Henry H. Poggensee, 1921 Armitage Ave., Chicago, Ill.
 Rhode Island Brush Co., A. C. Rounds, 50 Daniel Ave., Providence, R. I.
 Thum, Chas. D., C. K. Van Rensselaer, Mgr., 137 Race St., Phila., Pa.
 United States Brush Co., Carl J. Nagl, Mgr., 4301 N. 28th St., Omaha, Neb.
 United States Chemical Co., V. W. Mider, Gen. Mgr., Greenville, Ohio.
 Van Tine, Bartlett, & Jones (Inc.), P. A. Jones, Pres., Jonesville, Mich.
 Warner, W. E., Co., G. Meyer, partner, 136 Centre St., New York, N. Y.
 Weil-Ransom Co., Albert Ransom, jr., Treas., 816 Fulton St., Chicago, Ill.
 Whiting-Adams Co., Henry H. Hill, Pres., 710 Harrison Ave., Boston, Mass.
 Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.

Spec. 204, BROOM, RATTAN PUSH

- Bentzinger Bros., Ralph Bentzinger, sr., owner, Main & Market Sts., St. Louis, Mo.
 Bowditch-Packard Co., John F. Bowditch, 166 Commercial St., Boston, Mass.
 Detroit Quality Brush Mfg. Co., T. Weinblum, Mgr., 3444 Wesson Ave., Detroit, Mich.
 Goeller's, M. G., Sons, John C. Goeller, jr., partner, 544 Clinton St., Circleville, Ohio.
 Herbert, John F., & Sons (Inc.), J. F. Hartmann, Gen. Mgr., 107 Greenkill Ave., Kingston, N. Y.
 Hvass, Chas., & Co., (Inc.), Chas. T. Hvass, Pres., 508 E. 19th St., New York, N. Y.
 Kendallville Broom & Brush Co., W. S. Lang, Pres., Kendallville, Ind.
 Lay, Joseph, Co., Frank Harker, Sec., Portland, Ind.
 Leonard Brush & Woodenware Co., W. T. Adams, Pres., 901 W. Main St., Louisville, Ky.
 Maendler Brush Mfg. Co. (Inc.), F. W. Frenzel, Sec., 138 E. 9th St., St. Paul, Minn.
 Midwest Broom Mfg. Co., J. C. Goeller, jr., partner, 544 Clinton St., Circleville, Ohio.
 Milwaukee Brush Mfg. Co., E. P. Sturch, Pres., 770 30th St., Milwaukee, Wis.
 National Broom Mfg. Co., D. Arbaugh, Pres., 230 S. Santa Fe St., Pueblo, Colo.
 Opie Brush Co., J. T. Opie, owner, 1422 McGee St., Kansas City, Mo.
 Osborn Mfg. Co., C. W. Titgemeyer, Sales Ser. Mgr., 5401 Hamilton Ave., Cleveland, Ohio.
 Ox Fibre Brush Co., J. W. Wolfe, Office Mgr., Frederick, Md.
 Sider, S. W., Broom Works, S. W. Sider, Prop., Foot of Wheatland Ave., Logansport, Ind.
 Standard Broom & Brush Co., G. S. Schwartz, Treas., P. O. Box 604, Portland, Ind.
 Steiert, A., & Son, Russell Wangner, Gen. Mgr., Front & Read Sts., Phila., Pa.
 Sunset Broom & Brush Co., F. W. Smith, Mgr., 855 Treat Ave., San Francisco, Calif.
 United States Brush Co., Carl J. Nagl, Mgr., 4301 N. 28th St., Omaha, Neb.
 United States Chemical Co., V. W. Mider, Gen. Mgr., Greenville, Ohio.
 Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.

Spec. 205, BROOM, RATTAN (UPRIGHT)

- Alabama Broom & Mattress Co., R. H. Canterbury, Gen. Mgr., P. O. Box 156, Huntsville, Ala.
 American Broom Products Co., L. M. Malon, Asst. Sec., McAlester, Okla.
 Blandon Broom Works, B. W. Ziegler, Sec., Blandon, Pa.
 Brighton Broom & Brush Co. (Inc.), R. Textor, Mgr., 302 Pearl St., Brooklyn, N. Y.
 Brooklyn Broom Works, Jacob Solomon, Prop., 495 Flushing Ave., Brooklyn, N. Y.
 Capitol Broom Co., Sigmund Eichstein, V. Pres., 2 Jefferson St., Trenton, N. J.
 Cook, Chas., & Son, Margaret M. Palmer, bookkeeper, 40 Russell St., Hadley, Mass.
 Deshler Broom Factory, H. C. Struve, Gen. Mgr., Deshler, Neb.
 Goeller's, M. G., Sons, J. C. Goeller, jr., partner, 544 Clinton St., Circleville, Ohio.
 Hamburg Broom Works, H. E. Scaver, Treas., Hamburg, Pa.
 Herbert, John F., & Sons (Inc.), Jos. F. Hartmann, Gen. Mgr., 107 Greenkill Ave., Kingston, N. Y.
 Kendallville Broom & Brush Co., W. S. Lang, Pres., Kendallville, Ind.
 Lasting Broom & Mop Mfg. Co., A. G. Nimroth, Prop., 9th Ave. & Md. St., Evansville, Ind.
 Lay, Joseph, Co., Frank Harker, Sec., Portland, Ind.
 Lee Broom Co., Lynn Lloyd, V. Pres., 21st & Y Sts., Lincoln, Neb.
 Maendler Brush Mfg. Co. (Inc.), F. W. Frenzel, Sec., 138 E. 9th, St. Paul, Minn.
 Manhattan Broom Co., Oscar Halperyn, Prop., 439 E. 104th St., New York, N. Y.
 Merkle Broom Co., J. L. Merkle, Treas., 101 West End Ave., Paris, Ill.
 Midwest Broom Mfg. Co., J. C. Goeller, jr., partner, 544 Clinton St., Circleville, Ohio.
 Miller Broom Co., A. L. Miller, Prop., 1824 West Ave., S., La Crosse, Wis.
 Opie Brush Co., J. T. Opie, Owner, 1422 McGee St., Kansas City, Mo.
 Pennsylvania Cork Work (Inc.), J. Geo. Brauer, 1017 N. Front St., Phila., Pa.
 Pioneer Broom Co. (Inc.), Earl D. Blood, Sec., Pine & W. Main Sts., Amsterdam, N. Y.
 Progressive Broom Mfg. Co., Frederick Koenig, Prop., 918 S. Beaume St., St. Louis, Mo.
 Red Hill Broom Works, Irwin Richard, Prop., Red Hill, Pa.
 Sider, S. W., Broom Works, S. W. Sider, Prop., foot of Wheatland Ave., Logansport, Ind.
 Standard Broom Co., P. H. Price, Pres., Pacific & Bath Sts., Phila., Pa.
 Standard Broom & Brush Co., G. S. Schwartz, Treas., P. O. Box 604, Portland, Ind.
 Steiert A., & Son, Russell Wangner, Gen. Mgr., Front & Reed Sts., Phila., Pa.
 Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.
 Zachry Mfg. Co., W. H. Zachry, Mgr., Greenwood Ave. & So. Ry., Atlanta, Ga.

Spec. 206, BROOM, SCRUBBING

- Bentzinger Bros., Ralph Bentzinger, sr., owner, Main & Market Sts., St. Louis, Mo.
 Blandon Broom Works, B. W. Ziegler, Sec., Blandon, Pa.
 Bowditch-Packard Co., J. F. Bowditch, 166 Commercial St., Boston, Mass.
 Costello, J. S., & Son Brush Co., F. C. Brennan, Sec., 1108 Pine St., St. Louis, Mo.
 Deshler Broom Factory, H. C. Struve, Gen. Mgr., Deshler, Neb.
 Detroit Quality Brush Mfg. Co., T. Weinbum, Mgr., 3444 Wesson Ave., Detroit, Mich.
 Empire Brush Works, J. Bruce Howard, Mgr., 63 Park Row, New York, N. Y.
 Goeller's, M. G., Sons, J. C. Goeller, jr., partner, 544 Clinton St., Circleville, Ohio.
 India Brush & Mat Co., Walter B. Scott, Mgr., 273 Dubois St., Detroit, Mich.
 Kendallville Broom & Brush Co., W. S. Lang, Pres., Kendallville, Ind.
 Leonard Brush & Woodenware Co., W. T. Adams, Pres., 901 W. Main St., Louisville, Ky.
 Midwest Broom Mfg. Co., J. C. Goeller, jr., Partner, 544 Clinton St., Circleville, Ohio.
 Milwaukee Brush Mfg. Co., E. P. Sturch, Pres., 770—30th St., Milwaukee, Wis.
 St. Paul Broom Mfg. Co. (Inc.), Wm. Auerbacher, Pres., 916 Fauquier St., St. Paul, Minn.
 Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.
 Zachry Mfg. Co., W. H. Zachry, Mgr., Greenwood Ave. & So. Ry., Atlanta, Ga.

Spec. 207, BROOM, WIRE PUSH

- American Brush Mfg. Co., W. R. James, Sec., 91 Union Ave., Portland, Oreg.
 Bowditch-Packard Co., John P. Bowditch, 166 Commercial St., Boston, Mass.
 Goeller's, M. G., Sons, J. C. Goeller, jr., Partner, 544 Clinton St., Circleville, Ohio.
 Herold Bros. Co., K. G. Herold, V. Pres., 1104 N. 9th St., Cleveland, Ohio.
 Kendallville Broom & Brush Co., W. S. Lang, Pres., Kendallville, Ind.
 Lay, Joseph, Co., Frank Harker, Sec., Portland, Ind.
 Manufacturers Brush Co., R. M. Manning, Sec., 1950 W. 114th St., Cleveland, Ohio.
 Midwest Broom Mfg. Co., J. C. Goeller, jr., partner, 544 Clinton St., Circleville, Ohio.
 Milwaukee Brush Mfg. Co., E. P. Sturch, Pres., 770—30th St., Milwaukee, Wis.
 Northwestern Mfg. Co., C. K. Smith, Pres., 1324 Capitol Ave., Omaha, Nebr.
 Osborn Mfg. Co., C. W. Titgemeyer, sales Ser. Mgr., 5401 Hamilton Ave., Cleveland, Ohio.
 Paxson, J. W., Co., S. C. Bougher, Brush & Broom Dept., Luzerne & D Sts., Phila., Pa.
 Pennsylvania Cork Work (Inc.), J. Geo. Brauer, 1017 N. Front St., Phila., Pa.
 Ridgely Trimmer Co., C. K. Hullinger, Treas., Kenton St., Springfield, Ohio.
 United States Brush Co., Carl J. Nagl, Mgr., 4301 N. 28th St., Omaha, Nebr.
 Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.

Spec. 208a, DUSTER, COUNTER

- American Brush Mfg. Co., W. R. James, Sec., 91 Union Ave., Portland, Oreg.
 Baird Brush Mfg. Co. (Inc.), R. H. Robb, Pres., 829 Wood St., Oakland, Calif.
 Bentzinger Bros., Ralph Bentzinger, sr., owner, Main & Market Sts., St. Louis, Mo.
 Bernes, Daniel, Co., Geo. F. Sauer, jr., Pres., 114 44th St., Union City, N. J.
 Bowditch-Packard Co., John F. Bowditch, 166 Commercial St., Boston, Mass.
 Brenner, A., A. Brenner, 12 N. 3rd St., Phila., Pa.
 Capitol Broom Co., Sigmund Eickstein, V. Pres., 2 Jefferson St., Trenton, N. J.
 Cocker-Weber Brush Co., Ludwig Weber, Pres., 4th & Wood Sts., Phila., Pa.
 Costello, J. S., & Son Brush Co., Frank C. Brennan, Sec., 1108 Pine St., St. Louis, Mo.
 Culicover & Shapiro, Gershon Shapiro, Prop., 252 Pearl St., New York, N. Y.
 Dearborn Mfg. Co., J. C. Singleton, Sec., 550 W. Harrison St., Chicago, Ill.
 Dennin's, O., Sons (Inc.), E. A. Dennin, Treas., 120th St. & 7th Ave., Troy, N. Y.
 Detroit Quality Brush Mfg. Co., T. Weinblum, Mgr., 3444 Wesson Ave., Detroit, Mich.
 Empire Brush Works, J. Bruce Howard, Mgr., 63 Park Row, New York, N. Y.
 Felton, S. A., & Son Co., J. B. Felton, Asst. Treas., W. Brook St., Manchester, N. H.
 Hanlon & Goodman Co., Geo. E. Goodman, Treas., 6 Riverside Ave., Belleville, N. J.
 Herold Bros. Co., K. G. Herold, V. Pres., 1104 N. 9th St., Cleveland, Ohio.
 India Brush & Mat Co., W. B. Scott, Mgr., 273 Dubois St., Detroit, Mich.
 Kendallville Broom & Brush Co., W. S. Lang, Pres., Kendallville, Ind.
 Laitner, A., & Sons, Edw. A. Laitner, Mgr., 2000 Brooklyn Ave., Detroit, Mich.
 Lay, Joseph, Co., Frank Harker, Sec., Portland, Ind.
 Leonard Brush & Woodware Co., W. T. Adams, Pres., 901 W. Main St., Louisville, Ky.
 Liberty Brush Co., Hyman Ziserman, Prop., 959 N. 5th St., Phila., Pa.
 Linzer, David, & Sons, Aaron Linzer, partner, 358 Bowery, New York, N. Y.
 Maendler Brush Mfg. Co. (Inc.), F. W. Frenzel, Sec., 138 E. 9th, St. Paul, Minn.
 Metal-Bound Brush & Broom Co., C. H. Longman, Pres., 119 E. Pearl St., Cincinnati, Ohio.
 Michigan Brush Mfg. Co. (Inc.), Samuel Scott, Pres., 3701 Mich. Ave., Detroit, Mich.
 Moran Bros., Geo. F. Moran, partner, 10 Whiting St., New Haven, Conn.
 Morek Brush Mfg. Co., Clifford Woodland, Sec., 236 8th St., San Francisco, Calif.
 Murk, Hermann G., & Co., Hermann G. Murk, owner, 43 Wells St., Hartford, Conn.
 Northwestern Mfg. Co., C. K. Smith, Pres., 1324 Capitol Ave., Omaha, Nebr.
 Opie Brush Co., J. T. Opie, owner, 1422 McGee St., Kansas City, Mo.
 Osborn Mfg. Co., C. W. Titgemeyer, sales Ser. Mgr., 5401 Hamilton Ave., Cleveland, Ohio.
 Paxson, J. W., Co., S. C. Bougher, brush & broom Dept., Luzerne & D Sts., Phila., Pa.
 Poggensee Brush Co., Henry H. Poggensee, 1921 Armitage Ave., Chicago, Ill.
 Rhode Island Brush Co., A. C. Rounds, 50 Daniel Ave., Providence, R. I.
 Robertson, Theo. B., Products Co. (Inc.), Theo. B. Robertson, Pres., 700 W. Division St., Chicago, Ill.
 Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres., 34 Hubert St., New York, N. Y.
 Sullivan Brush Co., J. B. Miller, Pres., 15 N. State St., Sullivan, Ind.
 Thum, Chas. D., C. K. Van Rensselaer, Mgr., 137 Race St., Phila., Pa.
 United States Brush Co., Carl J. Nagl, Mgr., 4301 N. 28th St., Omaha, Nebr.
 United States Chemical Co., V. W. Mider, Gen. Mgr., Greenville, Ohio.
 Van Tine, Bartlett, & Jones (Inc.), P. A. Jones, Pres., Jonesville, Mich.
 Warner, W. E., Co., G. Meyer, partner, 136 Centre St., New York, N. Y.
 Weil-Ransom Co., Albert Ransom, jr., Treas., 816 Fulton St., Chicago, Ill.
 Whiting-Adams Co., Henry H. Hill, Pres., 690 Harrison Ave., Boston, Mass.
 Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.

Spec. 213, HAND CHEMICAL FIRE EXTINGUISHERS (SODA-ACID TYPE)

- Ajax Fire Engine Works, B. Gerstein, Prop., 882 3d Ave., Brooklyn, N. Y.
 Amdyco Corp., M. E. Landon, Sec., 100 E. 42nd St., New York, N. Y.
 American LaFrance Fire Engine Co., Hugh Logan, Mgr. sundry sales, Marion & S. Janes Sts., Long Island City, N. Y.
 Badger Fire Extinguisher Co., Arthur C. Badger, Pres., 962 Park Square Bldg., Boston, Mass.
 Barnes, Henry K., Co., A. E. Lindh, Ch. clerk, 234 Devonshire St., Boston, Mass.
 Buffalo Fire Appliance Corp., D. Meidel, Asst. sales Mgr., 44 Central Ave., Buffalo, N. Y.
 Castle, James M. (Inc.), C. B. Ford, Pres., 1718 Vine St., Phila., Pa.
 Columbia Fire Extinguisher Co., George H. Downing, Prop., 174 Centre St., New York, N. Y.
 Cross, C. J., Mfg. Co., C. J. Cross, Pres., 149 Church St., New York, N. Y.
 Diener, Geo. W., Mfg. Co., H. W. Diener, Sec., 400 Monticello Ave., Chicago, Ill.
 Elkhart Brass Mfg. Co., L. Lavender, Sec., W. Beardsley Ave., Elkhart, Ind.
 Fyr-Fyter Co., R. C. Iddings, Pres., 221 Crane St., Dayton, Ohio.
 General Mfg. Co., A. C. Ansorge, Sec., 1801 Pine St., St. Louis, Mo.
 Gilbert, A., & Sons Brass Foundry Co., Chas. F. Gilbert, Pres., 4015 Forest Park Blvd., St. Louis, Mo.
 Harden Hand Grenade Co., M. C. Reeves, Mgr., 6213 Wentworth Ave., Chicago, Ill.
 Harker Mfg. Co., W. E. Scallan, Gen. Mgr., 121 W. 3d St., Cincinnati, Ohio.
 Howard, H. J. M., Mfg. Co., R. H. Howard, V. Pres., 148 Pierce St. NW., Washington, D. C.
 Hunt, James B., Mfg. Co., Chas. W. Bergen, Mem. firm, Forst-Richey Bldg. Trenton, N. J.

- Jiffy Fire Hose Rack Co., Raymond F. Brown, Prop., 133 W. 52d St., New York, N. Y.
 Johns-Manville Corp., C. E. Horton, Asst. Treas., 292 Madison Ave., New York, N. Y.
 Knight & Thomas (Inc.), Henry G. Chandler, Sec., 212 Sumner St., Boston, Mass.
 McMorran, Edward E., & Co., E. E. McMorran, owner, 162 N. Union St., Chicago, Ill.
 Miller-Peerless Mfg. Co., F. Kachel, sales Mgr., 325 N. Curtis St., Chicago, Ill.
 Missouri Lamp & Mfg. Co., E. C. Pate, Asst. Sec., 116 Elm St., St. Louis, Mo.
 Morristown Mfg. Co. (Inc.), D. W. Pelton, Treas., Main St., Morristown, N. Y.
 National Fire Protection Co., Fisher L. Boyd, Treas., 1617 Sansom St., Phila., Pa.
 Pacific Fire Extinguisher Co., L. B. Krieger, V. Pres., 440 Howard St., San Francisco, Calif.
 Pioneer Chemical Co. of Ithaca, John F. McKinney, Gen. sales Mgr., S. Pine River St., Ithaca, Mich.
 Pyrene Mfg. Co., Edward A. Clapp, Sec., 560 Belmont Ave., Newark, N. J.
 Robinson Fire Apparatus Mfg. Co., R. L. Heydt, Sec., 4250 N. 20th St., St. Louis, Mo.
 Rowe, A. C., & Son (Inc.), Kenneth P. Rowe, Treas., 80 Reade St., New York, N. Y.
 Safety Fire Extinguisher Co., W. E. Sintratt, owner, 291 Seventh Ave., New York, N. Y.
 Snyder, M. L., & Son, Herbert A. Greene, Pres., 221 Church St., Phila., Pa.
 Standard Extinguisher Co., G. W. Baufl, Mgr., 24 Binford St., Boston, Mass.
 Woodhouse Mfg. Co. (Inc.), Daniel A. Woodhouse, Pres. 35 Warren St., New York, N. Y.

Spec. 214, ASPHALT PREPARED ROOFING

- Amalgamated Roofing Co., 431 South Dearborn St., Chicago, Ill.
 American Asphalt Roof Corp., 15th St. & Blue River, Kansas City, Mo.
 Barber Asphalt Co., 1600 Arch St., Phila., Pa.
 Barrett Co., R. V. Mahon, V. Pres., 40 Rector St., New York, N. Y.
 Beaver Products Co., Beaver Rd., Buffalo, N. Y.
 Beckman-Dawson Roofing Co., 223 W. Jackson Blvd., Chicago, Ill.
 Berkheimer, J. E., Mfg. Co., J. A. Delaney, Sec., 2928 S. M St., Tacoma, Wash.
 Bird & Son, 1472 West 76th St., Chicago, Ill.
 Byerlyte Co., D. N. Myers, Gen. Mgr., 2484 W. 4th St., Cleveland, Ohio.
 Carey, Philip, Co., E. Puse, Sec., Lockland, Ohio.
 Chatfield Mfg. Co., 3d & Plum Sts., Cincinnati, Ohio.
 Certain-teed Products Corp., L. R. Walker, V. Pres., 100 E. 42d St., New York, N. Y.
 Continental Roofing & Mfg. Co., 16th St. & 2d Ave., Balto., Md.
 Flintkote Co., 122 Michigan Ave., Chicago, Ill.
 Ford Roofing Products Co., 529 S. Franklin St., Chicago, Ill.
 Garrett, C. S., & Son Corp., W. R. Cole, V. Pres., 20 S. Marshall St., Phila., Pa.
 Johns-Manville Corp., C. E. Horton, Asst. Treas., 292 Madison Ave., New York, N. Y.
 Keystone Roofing Mfg. Co., York, Pa.
 Lehon Co., 44th & Oakley Avenue, Chicago, Ill.
 Lockport Paper Co., Lockport, N. Y.
 Logan-Long Co., 37 W. Van Buren St., Chicago, Ill.
 McHenry-Millhouse Mfg. Co., 1702 S. Franklin St., South Bend, Ind.
 Mikesell Co., H. S. Mikesell, Pres., 1223 S. Wabash Ave., Chicago, Ill.
 Murray, Alexander, & Co. (Ltd.), Canada Cement Bldg., Montreal, Canada.
 National Asbestos Mfg. Co., C. S. Brooke, V. Pres., 163 Henderson St., Jersey City, N. J.
 National Roofing Co., Paul Bennett, sales Mgr., 164 Fillmore Ave., Tonawanda, N. Y.
 Nelson, B. F., Mfg. Co., Carl E. Sager, Sec., 401 Main St., N. E., Minneapolis, Minn.
 Pen Mar Co. (Inc.), E. N. Thompson, Gen. Mgr., 323 Munsey Bldg., Balto., Md.
 Pioneer Paper Co., 55th & Alameda Sts., Los Angeles, Calif.
 Reynolds, H. M., Shingle Co., Grand Rapids, Mich.
 Ruberoid Co., 96 Madison Ave., New York, N. Y.
 Safepack Mills, Millis, Mass.
 Sall Mountain Co., 140 S. Dearborn St., Chicago, Ill.
 Sifo Products Co., 1120 E. 7th St., St. Paul, Minn.
 Star Paint & Varnish Co., A. B. Shaw, Mgr., 1530 E. 115th St., Cleveland, Ohio.
 Turnerised Roofing Co., F. L. Kinsman, V. Pres., Brewer Block, Ada, Ohio.
 Watson, H. F., Co., E. 16th St., Erie, Pa.
 Weaver-Henry Co., 2440 E. 8th St., Los Angeles, Calif.
 Weaver Wall Co., 3700 Brookpark Road, Cleveland, Ohio.

Spec. 239, HEAVY RUST PREVENTIVE COMPOUND

- Albion Mfg. Co., E. A. Nelson, Pres., 5710 Corson Ave., Seattle, Wash.
 American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La.
 Arlington Paint & Varnish Co., Alfred B. Stellwagon, Mgr., 1329 Harrison Ave., S. W., Canton, Ohio.
 Arnesto Paint Co. (Inc.), M. Arnstern, Pres., 546 W. 46th St., New York, N. Y.
 Asphalt Roofing Products Co. (Inc.), J. Edward Cassidy, Pres., 815 15th St., NW., Washington, D. C.
 Avalon Paint Corp., F. A. Sage, Pres., 2127 Santee St., Los Angeles, Calif.
 Baer Bros., Max Baer, Mem. firm, 438 W. 37th St., New York, N. Y.
 Byerlyte Co., R. P. Beardslee, V. Pres., 2484 W. 4th St., Cleveland, Ohio.
 Dearborn Chemical Co., W. A. Converse, Sec., 310 S. Michigan Ave., Chicago, Ill.
 Dolphin Paint & Varnish Co., Julius Blum, 2d V. Pres., Champlain & Locust Sts., Toledo, Ohio.
 Farboil Paint Co., M. D. Swartz, owner, Eastern Ave. & 11th St., Balto., Md.
 Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
 Frey-Yenkin Paint Co., A. I. Yenkin, Mem. firm, 251 N. Sandusky St., Columbus, Ohio.
 Furolin Paint Fire Proofing Co. (Inc.), G. F. Johnston, Sec., 216 W. Kinzie St., Chicago, Ill.
 Garland Co., L. J. Pfister, V. Pres., 3748 E. 91st St., Cleveland, Ohio.

- Great Lakes Varnish Works, John G. Shilcock, Pres., 2207 N. Crawford Ave., Chicago, Ill.
 Green Oil Soap Co., W. M. Kelso, Pres., 166 N. Curtis St., Chicago, Ill.
 Harley Soap Co., C. B. Solly, V. Pres., 2832 E. Pacific St., Phila., Pa.
 Impervious Paint & Varnish Co., J. E. Peofe, Prop., 161 E. Allen St., Phila., Pa.
 International Chemical Co., D. J. Benoliel, sales Mgr., 2628 N. Mascher St., Phila., Pa.
 Kohler-McLister Paint Co., Frank McLister, Mgr., W. 13th & Osage Sts., Denver, Colo.
 Lampton, Crane & Ramey Co., A. E. Warfield, V. Pres. in charge of sales, 1201 Story Ave., Louisville, Ky.
 Lindsay-McMillan Co., Wm. P. Pate, V. Pres., 93 S. Water St., Milwaukee, Wis.
 Lucas, John, & Co. (Inc.), James R. Allen, Mgr. marine Dept., 521 Washington St., New York, N. Y.
 Miller & Graham, August Miller, Mem. Firm, 21 S. Gay St., Balto., Md.
 Mobile Paint Mfg. Co., B. S. Butler, Pres., Dauphin & Water Sts., Mobile, Ala.
 Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
 Quaker Oil Products Corp., Harry L. Miller, V. Pres., Lime, Elm & Sandy Sts., Conshohocken, Pa.
 R-B Products Co., W. E. Byrne, Sec., 2315 Ogden Ave., Chicago, Ill.
 Red Spot Paint & Varnish Co., Harry B. Bausland, Treas., 110 Main St., Evansville, Ind.
 Sampson Paint & Color Co., F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va.
 Scientific Production Corp., Philip G. Strong, V. Pres., 3852 Grand Cent. Terminal, New York, N. Y.
 Sterling Paint Co., W. D. Bergerson, Gen. Mgr., 6460 Green St., Emeryville, Calif.
 Stuart Industrial Service (Inc.), C. W. Stuart, Pres., 4603 Roosevelt Rd., Chicago, Ill.
 Tibbetts Paint Co., H. R. Tibbetts, V. Pres., 1616 E. 14th St., Los Angeles, Calif.
 Toch Bros. (Inc.), Maximilian Toch, V. Pres., 443 4th Ave., New York, N. Y.
 Valentine Co., Valentine Gephart, copartner in charge of Engrg., 114 Railroad Ave., S., Seattle, Wash.
 Wetherill, Geo. D., & Co. (Inc.), S. D. Davis, Tech. Dir., 113 Arch St., Phila., Pa.

Spec. 241, SOLE LEATHER (VEGETABLE-TANNED)

- Colonial Leather Co., M. J. Wilby, Receiver, Trenton Ave. & Somerset St., Phila., Pa.
 Cook, H. N., Belting Co., M. R. Cook, Pres., 401 Howard St., San Francisco, Calif.
 Druid Oak Belting Co. (Inc.), H. C. Staley, V. Pres., 11 E. Lombard St., Balto., Md.
 Graton & Knight Co., F. E. Booth, V. Pres., 356 Franklin St., Worcester, Mass.
 Hilliard & Merrill (Inc.), A. R. Merrill, V. Pres., 130 Eastern Ave., Lynn, Mass.
 Hudson Belting Co., R. N. Blakeslee, jr., Treas., 79 Beacon St., Worcester, Mass.
 Hunt, Frank W., & Co., M. Hunt, Prop., 20 East St., Boston, Mass.
 Johnson Belting Co., M. Kaufman, Sec., 423 E. 56th St., New York, N. Y.
 Mosser, J. K., Leather Corp., H. W. Boyd, Pres., 173 N. Franklin St., Chicago, Ill.
 National Leather Belting Co., N. Freid, Pres., 423 E. 56th St., New York, N. Y.
 Schwartz Belting Co., D. D. Schwartz, Sec., 76 Murray St., New York, N. Y.
 Transylvania Tanning Co., J. I. Silversteen, Pres., Brevard, N. C.

Spec. 242, WROUGHT IRON PIPE (WELDED) (BLACK AND GALVANIZED)

- American District Steam Co., A. J. Slade, Dir. sales, Bryant St., N. Tonawanda, N. Y.
 Byers, A. M., Co., L. M. Johnston, V. Pres., 235 Water St., Pittsburgh, Pa.
 Chicago Tube & Iron Co., H. W. Haigh, sales Mgr., 2531 W. 48th St., Chicago, Ill.
 Cohoes Rolling Mill Co., A. Macfadyen, Sec., Canvass & Cortland Sts., Cohoes, N. Y.
 Cornell & Underhill, P. N. Aymar, Gen. Mgr., 311 Spring St., New York, N. Y.
 Greene-Wolf Co. (Inc.), D. Greene, Pres., 30 Church St., New York, N. Y.
 Larkin, J. K., & Co., W. C. Hays, V. Pres., 253 Broadway, New York, N. Y.
 Reading Iron Co., H. F. Mattern, sales Mgr., Baer Bldg., Reading, Pa.
 South Chester Tube Co., A. J. Tucker, Treas., Front & Thurlow Sts., Chester, Pa.

Spec. 244, MILLED TOILET SOAP

- Armour & Co., M. L. Sheely, Ch. Chem., 1355 W. 31st St., Chicago, Ill.
 Cincinnati Soap Co., M. P. Rosenthal, sales Mgr., Winton Pl., Cincinnati, Ohio.
 Daland & Co. (Inc.), H. F. MacGrotty, Sec., 260 W. Broadway, New York, N. Y.
 Dugan, Herbert F., H. F. Dugan, owner, 1143 Sutter St., San Francisco, Calif.
 Eavenson, J., & Sons (Inc.), I. Katz, Gen. Mgr., Del. Ave. & Penn St., Camden, N. J.
 Empire Soap Co., H. F. MacGrotty, Sec., 260 W. Broadway, New York, N. Y.
 Gill, Thomas, Soap Co., Russell Provost, Mgr., 711 Kent Ave., Brooklyn, N. Y.
 Globe Soap Co., A. Campbell, V. Pres., 6th & Sycamore Sts., Cincinnati, Ohio.
 Harral Soap Co., S. F. Miller, Pres., 463 Greenwich St., New York, N. Y.
 Holman Soap Co., Edward Holman, Pres., 3104 Fox St., Chicago, Ill.
 Jergens, Andrew Co., Wm. Roth, Asst. Gen. Mgr., Spring Grove & Alfred Sts., Cincinnati, Ohio.
 Kirk, Jas. S., & Co., J. L. Oestmann, Treas., 1232 W. North Ave., Chicago, Ill.
 Morris & Co., E. W. Park, sales Mgr., 1355 W. 31st St., Chicago, Ill.
 Mulhens & Kropff (Inc.), Wm. Kropff, Pres., 25 W. 45th St., New York, N. Y.
 Overton-Hygienic Mfg. Co., W. Roane, Gen. Mgr., State & 36th Sts., Chicago, Ill.
 Pennsylvania Soap Co. of Lancaster, Pa., O. J. Lautz, V. Pres., 628 S. Prince St., Lancaster, Pa.

- Powell, John, & Co. (Inc.), John Powell, V. Pres., 12 Water St., New York, N. Y.
 Procter & Gamble Distributing Co., H. G. French, V. Pres., Gwynne Bldg., Cincinnati, Ohio.
 Robertson, J. T., Co. (Inc.), H. W. Kingsbury, V. Pres., 147 Richmond Ave., Syracuse, N. Y.
 Stanley, John T., Co. (Inc.), F. A. Cook, sales Mgr., 642 W. 30th St., New York, N. Y.
- Swift & Co., W. W. Shuman, Asst. Treas., Union Stock Yards, Chicago, Ill.
 Uno Mfg. Co., A. H. Barnett, Ch. Chem., 469 E. Ohio St., Chicago, Ill.
 Watkins, J. R., Co., R. H. Watkins, Asst. Sec., 150 Liberty St., Winona, Minn.

Spec. 245, POWDERED SOAP (FOR LAUNDRY USE)

- American Soap & Washoline Co., J. E. Graham, Treas., 140 Central Ave., Cohoes, N. Y.
 Armour & Co., M. L. Sheely, Ch. Chem., 1355 W. 31st St., Chicago, Ill.
 Beach Soap Co., W. E. Philbrick, Treas., Lawrence & Maple Sts., Lawrence, Mass.
 Britt, T. H., Ammonia Co., C. M. Sommers, Treas., 282 Oregon St., Milwaukee, Wis.
 Central Soap Co., J. T. Kenny, Pres., 701 Hampden Ave., St. Paul, Minn.
 Daland & Co. (Inc.), H. F. MacGrotty, Sec., 260 W. Broadway, New York, N. Y.
 Diamond, McDonnell & Co., J. P. Diamond, Mgr., 409 N. 4th St., Phila., Pa.
 DuBois Soap Co., T. V. DuBois, Pres., 1120 W. Front St., Cincinnati, Ohio.
 Eavenson, J., & Sons (Inc.), I. Katz, Gen. Mgr., Del. Ave. & Penn. St., Camden, N. J.
 Elkonite Products Co., L. C. Brinkmeyer, Pres., 2357 Foot Hill Blvd., Oakland, Calif.
 Empire Soap Co., H. F. MacGrotty, Sec., 260 W. Broadway, New York, N. Y.
 Enterprise Mill Soap Works (Inc.), J. P. McNeill, Sec., 2229 N. 12th St., Phila. Pa.
 Fry Bros. Co., N. L. Fry, Pres., 105 E. Central Parkway, Cincinnati, Ohio.
 General Soap Co., R. E. Naccari, owner, 149 Calif. St., San Francisco, Calif.
 Green Oil Soap Co., W. M. Kelso, Pres., 166 N. Curtis St., Chicago, Ill.
 Harris Soap Co., A. O. Harris, Pres., 18 Stetson St., Buffalo, N. Y.
 Haskins Bros. & Co., D. Newton, jr., Gen. Mgr., 115 Hickory St., Omaha, Neb.
 Kemp, Lysander, & Sons (Inc.), H. L. Rice, sales Mgr., 121 Beverly St., Boston, Mass.
- Kendall Mfg. Co., G. R. Fulton, Pres., 90 Friendship St., Providence, R. I.
 Kohnstamm, H., & Co. (Inc.), Jos. Kohnstamm, Treas., 83 Park Pl., New York, N. Y.
 Massachusetts Sales Service, A. Champagne, Mgr., 4 Spring St., Lowell, Mass.
 Midland Chem. Laboratories (Inc.), L. O. Hillyard, Pres., 220 Jones St., Dubuque, Iowa.
 Mitchell Wing Co., W. E. Philbrick, Treas., 109 Broad St., Boston, Mass.
 Morris & Co., E. W. Park, sales Mgr., 1355 W. 31st St., Chicago, Ill.
 National Soap Co., E. Westwood, sales Mgr., 357 S. 25th St., Tacoma, Wash.
 North Coast Chemical & Soap Works, F. J. Zorn, Pres., 6307 17th Ave., S. Seattle, Wash.
 Pennsylvania Soap Co. of Lancaster, Pa., O. J. Lautz, V. Pres., 628 S. Prince St., Lancaster, Pa.
 Pioneer Soap Co. (Inc.), H. I. Bernhard, Sec., 400 15th St., San Francisco, Calif.
 Powell, John & Co. (Inc.), John Powell, V. Pres., 12 Water St., New York, N. Y.
 Procter & Gamble Distributing Co., H. G. French, V. Pres., Gwynne Bldg., Cincinnati, Ohio.
 Robertson, J. T. Co. (Inc.), H. W. Kingsbury, V. Pres., 147 Richmond Ave., Syracuse, N. Y.
 Royal Lemon Co., N. A. Hanerson, Sec., 1115 University Ave., St. Paul, Minn.
 Stanley, John T. Co. (Inc.), F. A. Cook, sales Mgr., 642 W. 30th St., New York, N. Y.
 Supreme Soap Co., O. F. Apple, Sec., 2d & Sycamore Sts., Anderson, Ind.
 Watkins, J. R., Co., A. H. Watkins, Asst. Sec., 150 Liberty St., Winona, Minn.
 Western Soap & Chemical Co., F. E. Blum, Treas., 4726 Loma Vista Ave., Los Angeles, Calif.

Spec. 246, LIQUID SOAP (FOR LAUNDRY USE)

- Abbey, R. A., Co., R. A. Abbey, Mgr., 1109 Jackson St., Scranton, Pa.
 Alpha Chemical Co. (Inc.), Mark Sunstrom, Pres., 129 W. Barre St., Balto., Md.
 Antiseptol Liquid Soap Co., E. E. McDow, Treas., 564 W. Randolph St., Chicago, Ill.
 Clifton Chemical Co. (Inc.), L. B. Schwarcz, Sec., 246 Front St., New York, N. Y.
 DuBois Soap Co., T. V. DuBois, Pres., 1120 W. Front St., Cincinnati, Ohio.
 Dugan, Herbert F., H. F. Dugan, Prop., 1151 Sutter St., San Francisco, Calif.
 Fergusson Laboratories, E. A. Talcott, Mgr., 17 S. Orianna St., Phila., Pa.
 Flash Chemical Co., J. M. Lubit, V. Pres., 160 2d St., Cambridge, Mass.
 Fry Bros. Co., N. L. Fry, Pres., 105 E. Central Parkway, Cincinnati, Ohio.
 Gerson-Stewart Corp., J. H. Gerson, Pres., 3528 E. 76th St., Cleveland, Ohio.
 Green Oil Soap Co., W. M. Kelso, Pres., 166 N. Curtis St., Chicago, Ill.
- Harley Soap Co. (Inc.), C. B. Solly, V. Pres., 2832 E. Pacific St., Phila., Pa.
 Hayner, Norman C., Co., N. C. Hayner, Treas., 194 Edinburgh St., Rochester, N. Y.
 Heinzkill, John, Soap Works, J. Heinzkill, jr., sales Mgr., Appleton, Wis.
 Hirsh, Leon, & Son, J. A. Miller, Mem. Firm, 368 Greenwich St., New York, N. Y.
 Hockwald Chemical Co., L. Hockwald, Mgr., 436 Bryant St., San Francisco, Calif.
 Huntington Laboratories (Inc.), J. L. Brenn, Pres., 64 Federal St., Huntington Ind.
 Lanair Co., J. A. Millner, Pres., 2639 N. Racine Ave., Chicago, Ill.
 Laurel Soap Mfg. Co. (Inc.), W. H. Bertolet, Pres., Tioga & Thompson Sts., Phila., Pa.
 Leggod Mfg. Corp., M. Goldner, Treas., 132 22d St., Brooklyn, N. Y.
 Massachusetts Sales Service, A. Champagne, Mgr., 4 Spring St., Lowell, Mass.
 Midland Chemical Laboratories (Inc.), L. O. Hillyard, Pres., 220 Jones St., Dubuque, Iowa.

Newell Gutrad Co., A. Haas, Pres., 350 Fremont St., San Francisco, Calif.
 Peck's Products Co., G. P. Peck, Pres., 5224 N. 2d St., St. Louis, Mo.
 Robertson, Theo. B., Products Co. (Inc.), Theo. B. Robertson, Pres., 700 W. Division St., Chicago, Ill.
 Schaeffer Bros. & Powell Mfg. Co., B. Nichols, Mgr., 102 Barton St., St. Louis, Mo.

United States Sanitary Specialties Corp., L. Koppelman, Sec., 435 S. Western Ave., Chicago, Ill.
 Western Meat Co., A. O. Reese, Sec., South San Francisco, Calif.
 Western Soap & Chemical Co., F. E. Blum, Treas., 4726 Loma Vista Ave., Los Angeles, Calif.
 Williams, Geo. L., Co., G. L. Williams, Pres., 5700 Train Ave., Cleveland, Ohio.

Spec. 247, GYPSUM PLASTER

American Hard Wall Plaster Co., T. P. Eldred, Sec., 728 Broad St., Utica, N. Y.
 Arizona Gypsum Plaster Co., S. G. Dowell, Supt., Box 511, Douglas, Ariz.
 Best Bros. Keene's Cement Co., John C. Best, Pres., Medicine Lodge, Kans.
 Blue Diamond Co., Wm. A. Godshall, sales Mgr., 1650 S. Alameda St., Los Angeles, Calif.
 Certain-teed Products Corp., Audenried Whittemore, V. Pres., 100 E. 42d St., New York, N. Y.
 Cleveland Gypsum Co., M. B. Jewett, Gen Mgr., Leader Bldg., E. 6th & Superior Ave., Cleveland, Ohio.
 Dakota Plaster Co., A. M. Lamphere, Sec., Rapid City, S. Dak.
 Empire Gypsum Co. (Inc.), Theo. W. Curtis, V. Pres., 319 Cutler Bldg., Rochester, N. Y.
 Fairmont Wall Plaster Co., J. R. Spease, Pres., 10th St., Fairmont, W. Va.
 French, Samuel H., & Co., Edward T. Longstreth, V. Pres., 4th & Callowhill Sts., Phila., Pa.
 Globe Plaster Co., Ellsworth N. Croll, Sec., 210 Franklin St., Buffalo, N. Y.
 Grand Rapids Plaster Co., James Bale, Sec., 1204 Grand Rapids Savings Bank Bldg., Grand Rapids, Mich.

Higgenson Mfg. Co., G. Holland, Pres., Newburgh, N. Y.
 National Gypsum Co., R. F. Burley, Asst. Dir. of sales, 409 Jackson Bldg., Buffalo, N. Y.
 Niagara Gypsum Co., M. A. Reeb, Pres., 597 Michigan Ave., Buffalo, N. Y.
 Oldfield Gypsum Products Corp., T. P. Eldred, Treas., 728 Broad St., Utica, N. Y.
 Pacific Portland Cement Co., James A. Keller, V. Pres., 111 Sutter St., San Francisco, Calif.
 Paragon Plaster Co., Emil Hansen, Sec., 300 W. Water St., Syracuse, N. Y.
 Paragon Plaster & Supply Co., E. L. Merriman, Gen. Mgr., 101 Green Ridge St., Scranton, Pa.
 Rosslyn Steel & Cement Co., W. A. Rhodes, sales Mgr., 3031 K St. NW., Washington, D. C.
 Standard Gypsum Co., Wm. B. Gray, Sec., 760 Market St., 1112 Phelan Bldg., San Francisco, Calif.
 Three Forks Portland Cement Co., R. J. Morse, V. Pres., Ideal Bldg., Denver, Colo.
 United States Gypsum Co., C. Henning, V. Pres., 300 W. Adams St., Chicago, Ill.
 Universal Gypsum & Lime Co., Eugene Holland, Pres., 111 W. Washington St., Chicago, Ill.
 Whittaker, Clark & Daniels (Inc.), W. B. Daniels, Treas., 245 Front St., New York, N. Y.

Spec. 248, CALCINED GYPSUM

American Hard Wall Plaster Co., T. P. Eldred, Sec., 728 Broad St., Utica, N. Y.
 Arizona Gypsum Plaster Co., S. G. Dowell, Supt., Box 511, Douglas, Ariz.
 Best Bros. Keene's Cement Co., John C. Best, Pres., Medicine Lodge, Kans.
 Blue Diamond Co., Wm. A. Godshall, sales Mgr., 1650 S. Alameda St., Los Angeles, Calif.
 Certain-teed Products Corp., Audenried Whittemore, V. Pres., 100 E. 42nd St., New York, N. Y.
 Colorado Portland Cement Co., R. J. Morse, V. Pres. & Gen. Mgr., Ideal Bldg., Denver, Colo.
 Dakota Plaster Co., A. M. Lamphere, Sec., Rapid City, S. Dak.
 Empire Gypsum Co. (Inc.), Theo. W. Curtis, V. Pres., 319 Cutler Bldg., Rochester, N. Y.
 Fairmont Wall Plaster Co., J. R. Spease, Pres., 10th St., Fairmont, W. Va.
 French, Samuel H., & Co., Edward T. Longstreth, V. Pres., 4th & Callowhill Sts., Phila., Pa.
 Grand Rapids Plaster Co., James Bale, Sec., 1204 Grand Rapids Savings Bank Bldg., Grand Rapids, Mich.
 Higgenson Mfg. Co., Geo. Holland, Pres., Newburgh, N. Y.

Jumbo Plaster & Cement Co., W. P. Payne, Gen. Mgr., Sigurd, Utah.
 National Gypsum Co., R. F. Burley, Asst. Dir. of Sales, 409 Jackson Bldg., Buffalo, N. Y.
 Oldfield Gypsum Products Corp., T. P. Eldred, Treas., 728 Broad St., Utica, N. Y.
 Pacific Portland Cement Co., James A. Keller, V. Pres., 111 Sutter St., San Francisco, Calif.
 Paragon Plaster Co., Emil Hansen, Sec., 300 W. Water St., Syracuse, N. Y.
 Reeb, M. A., Corp., M. A. Reeb, Pres., 597 Michigan Ave., Buffalo, N. Y.
 Rosslyn Steel & Cement Co., W. A. Rhodes, sales Mgr., 3031 K St., NW., Washington, D. C.
 Standard Gypsum Co., W. B. Gray, Sec., 1112 Phelan Bldg., 760 Market St., San Francisco, Calif.
 United States Gypsum Co., C. Henning, V. Pres. in charge of sales, 300 W. Adams St., Chicago, Ill.
 Universal Gypsum & Lime Co., Eugene Holland, Pres., 111 W. Washington St., Chicago, Ill.
 Whittaker, Clark & Daniels (Inc.), W. B. Daniels, Treas., 245 Front St., New York, N. Y.

Spec. 249, HYDRATED LIME, FOR STRUCTURAL PURPOSES

- Allwood Lime Co., Victor K. Hendries, Asst. chemist, 418 N. 8th St., Manitowoc, Wis.
 American Lime & Stone Co., Alfred Barnes, jr., V. Pres., Bellefonte, Pa.
 Ash Grove Lime & Portland Cement Co., J. G. Pollock, V. Pres., 705 Grand Temple, Kansas City, Mo.
 Baker, J. E., Co., S. Walter Stauffer, sales Mgr., 114 N. George St., York, Pa.
 Batesville White Lime Co., L. Weigart, Pres., Batesville, Ark.
 Certain-teed Products Corp., Audenried Whittemore, V. Pres., 100 E. 42nd St., New York, N. Y.
 Commercial Lime Co., W. M. Palmer, Sec., 19 N. Main St., Ocala, Fla.
 Dillon's, E., Sons (Inc.), L. P. Dillon, Pres., Indian Rock, Va.
 Dittinger Lime Co., H. Dittinger, Pres., New Braunfelds, Tex.
 Elliston Lime Co., H. T. Kuehn, Sec. Treas., P. O. Box 192, Helena, Mont.
 Grand Canyon Lime & Cement Co. of Arizona, Donald Fragner, Sec., 840 Commercial St., Los Angeles, Calif.
 Grove Lime, M. J., Co., E. H. Grove, Sec., P. O. Box 53, Lime Kiln, Md.
 Keller Lime Co., F. H. Harrington, Mgr., 4 E. Church St., Frederick, Md.
 Kelley Island Lime & Transport Co., F. W. Kuhl, Sec., 1122 Leader Bldg., Cleveland, Ohio.
 Kimbalton Lime Co. (Inc.), S. C. Snead, Sec., Shawsville, Va.
 King, Oliver, Sand & Lime Co., Oliver King, Knoxville, Tenn.
 Ladd Lime & Stone Co., H. J. Backus, V. Pres., Cartersville, Ga.
 Lee Lime Corp., John M. Deely, V. Pres., Lee, Mass.
 Lehigh Lime Co., Daniel E. Ritter, V. Pres., 111 W. Washington St., Chicago, Ill.
 Limeton Lime Co. (Inc.), R. E. Herr, Pres., Front Royal, Va.
 Longview Lime Works, C. C. Cole, Sec., Longview, Ala.
 Louisville Cement Co., T. A. Courtenay, sales Mgr., 315 Guthrie, Louisville, Ky.
 National Gypsum Co., M. H. Baker, V. Pres., Jackson Bldg., Buffalo, N. Y.
 National Lime & Stone Co., Louis G. Love, Asst. Gen. Mgr., Buckeye-Commercial Bank Bldg., Findlay, Ohio.
 Ohio Hydrate & Supply Co., Fred. Witmer, Pres., Main St., Woodville, Ohio.
 Orcas Lime Co., N. H. Dally, V. Pres., 332 Pioneer Bldg., Seattle, Wash.
 Pennsylvania Lime Products Co., J. L. Dowell, sales Mgr., 24th & Parkway, Phila., Pa.
 Reiff, J. P., Lime Co., John P. Reiff, Prop., Drexel Bldg., Phila., Pa.
 Riverton Lime Co. (Inc.), A. C. Carson, Sec., Riverton, Va.
 Roche Harbor Lime & Cement Co., John S. McMillin, Pres., Roche Harbor, Wash.
 Rockland & Rockport Lime Corp., G. B. Wood, Pres., Masonic Temple Bldg., Rockland, Me.
 Rosslyn Steel & Cement Co., W. A. Rhodes, sales Mgr., 3031 K St. NW., Washington, D. C.
 Sheboygan Lime Works, J. H. Carter, Asst. Mgr., Calumet Rd., Sheboygan, Wis.
 Superior Lime & Hydrate Co. (Inc.), H. G. Bridgewater, Pres., Pelham, Shelby County, Ala.
 Swanton Lime Works, Wm. P. Rich, Treas., Swanton, Vt.
 United States Gypsum Co., C. Henning, V. Pres. in charge of sales, 300 W. Adams St., Chicago, Ill.
 United States Lime Products Corp., R. E. Tremoureux, Treas., consulting Engr., 58 Sutter St., San Francisco, Calif.
 Universal Gypsum & Lime Co., Eugene Holland, Pres., 111 W. Washington St., Chicago, Ill.
 Urschel, Wm. L., Lime & Stone Co., F. W. Hallame, Mgr. of sales, 1345 Miami St., Toledo, Ohio.
 Valley View Lime Co., Martin J. Miller, Mgr., Box 233, Bellefonte, Pa.
 Van Scriver Corp., J. L. Dowell, Sales Mgr., 24th & Parkway, Phila., Pa.
 Warner, Charles, Co., Reed C. Bye, V. Pres., 10th & King Sts., Wilmington, Del.
 Washington Building Lime Co., C. H. Slater, Asst. Treas., 524 Equitable Bldg., Balto., Md.
 Western Lime & Cement Co., V. F. Nast, Sec., 68 E. Wisconsin Ave., Milwaukee, Wis.
 Whittaker, Clark & Daniels (Inc.), W. B. Daniels, Treas., 245 Front St., New York, N. Y.
 Woodville Lime Products Co., Geo. C. Urschel, V. Pres., 622 Madison Ave., Toledo, Ohio.

Spec. 250, QUICKLIME FOR STRUCTURAL PURPOSES

- Allwood Lime Co., Victor K. Hendries, Asst. Chem., 418 N. 8th St., Manitowoc, Wis.
 American Lime & Stone Co., Alfred Barnes, jr., V. Pres., Bellefonte, Pa.
 Ash Grove Lime & Portland Cement Co., J. F. Pollock, V. Pres., 705 Grand Ave. Temple, Kansas City, Mo.
 Baker, J. E., Co., S. Walter Stauffer, sales Mgr., 114 N. George St., York, Pa.
 Batesville White Lime Co., L. Weigart, Pres., Batesville, Ark.
 Blue Diamond Co., Wm. A. Godshall, sales Mgr., 1650 S. Alameda St., Los Angeles, Calif.
 Calera Lime Works (Inc.), R. E. Brewdon, jr., Sec., Calera, Ala.
 California Portland Cement Co., L. E. Bancroft, Asst. Sec., 523 W. 6th St., Los Angeles, Calif.
 Canyon Lime Co., J. H. Stearns, Pres., 522 Sixth St., Las Vegas, N. Mex.
 Cowell, Henry, Lime & Cement Co., W. H. George, Sec., 2 Market St., San Francisco, Calif.
 Dillon's, E., Sons (Inc.), L. P. Dillon, Pres., Indian Rock, Va.
 Dittinger Lime Co., H. Dittinger, Pres., New Braunfelds, Tex.
 Eagle Rock Lime Co., James H. McNamara, Pres., Eagle Rock, Va.
 Elliston Lime Co., H. T. Kuehn, Treas., P. O. Box 192, Helena, Mont.
 Farnam Cheshire Lime Co., C. J. Cheshire, Pres., 39 Cortland St., New York, N. Y.
 Florida Lime Co., Jos. Meffech, Sales Mgr., 811 Lake Weir Ave., Ocala, Fla.
 Grand Canyon Lime & Cement Co. of Arizona, Donald Fragner, Sec., 840 Commercial St., Los Angeles, Calif.
 Grove, M. J., Lime Co., E. H. Grove, Sec., P. O. Box 53, Lime Kiln, Md.

- Holmes Lime & Cement Co., W. J. Feary, Sec., 116 New Montgomery St., San Francisco, Calif.
 Hoosac Valley Lime Co. (Inc.), William Flaherty, Pres., Homland Ave., Adams, Mass.
 Hoosier Lime Co., R. E. Vernia, Sec., P. O. Box 492, Salem, Ind.
 Keller, O. J., Lime Co., F. H. Harrington, Mgr., 4 E. Church St., Frederick, Md.
 Keystone Lime Works (Inc.), M. W. Hammond, Sec., Keystone, Ala.
 King, Oliver, Sand & Lime Co., Oliver King, Pres., Island Home Pike, Knoxville, Tenn.
 Langton Lime & Cement Co., A. J. Gowers, jr., Mgr., 346 S. 3d West St., Salt Lake City, Utah.
 Lee Lime Corp., John M. Deely, V. Pres., Lee, Mass.
 Lehigh Lime Co., Daniel E. Ritter, V. Pres., 111 W. Washington St., Chicago, Ill.
 Limeton Lime Co. (Inc.), R. E. Herr, Pres., Front Royal, Va.
 Longview Lime Works, C. C. Cole, Sec., Longview, Ala.
 Louisville Cement Co., T. A. Courtenay, sales Mgr., 315 Guthrie St., Louisville, Ky.
 Muscle Shoals White Lime Co., W. C. Roberts, Pres., Nathan Bldg., Sheffield, Ala.
 National Gypsum Co., R. F. Burley, Asst. Dir. of sales, 409 Jackson Bldg., Buffalo, N. Y.
 National Lime & Stone Co., Louis G. Love, Asst. Gen. Mgr., Buckeye-Commercial Bank Bldg., Findlay, Ohio.
 Oak Hurst Lime Co., Jos. Meffech, Sec., Box 478, Ocala, Fla.
 Orcas Lime Co., N. H. Dally, V. Pres., 332 Pioneer Bldg., Seattle, Wash.
 Pennsylvania Lime Products Co., J. L. Darnell, V. Pres., 24th & Parkway, Phila., Pa.
 Reiff, J. P., Lime Co., John Reiff, Prop., Drexel Bldg., Phila., Pa.
 Riverton Lime Co. (Inc.), A. C. Carson, Sec., Riverton, Va.
 Roche Harbor Lime & Cement Co., John S. McMillin, Pres., Roche Harbor, Wash.
 Rockdale-Corson-Lime-Co., Wm. Paxton, Sec., Linville, Va.
 Rockland & Rockport Lime Corp., G. B. Work, Pres., Masonic Temple Bldg., Rockland, Me.
 Ste. Genevieve Lime Co., C. H. Kammam, Sec., Ambassador Bldg., St. Louis, Mo.
 Sheboygan Lime Works, J. H. Carter, Asst. Mgr., Calumet Rd., Sheboygan, Wis.
 Standard Lime & Stone Co., W. A. Titus, Pres., 94 S. Main St., Fon du Lac, Wis.
 Stearns Lime & Stone Co., R. I. Stearns, V. Pres., 105 W. Adams St., Chicago, Ill.
 Superior Lime & Hydrate Co. (Inc.), H. G. Bridgewater, Pres., Pelham, Shelby County, Ala.
 Swanton Lime Works, Wm. P. Rich, Treas., Swanton, Vt.
 Tennessee Lime & Sand Co., Oliver King, Pres., Island Home Pike, Knoxville, Tenn.
 United States Lime Products Corp., R. E. Tremoureux, Treas., consulting Engr., 58 Sutter St., San Francisco, Calif.
 Universal Gypsum & Lime Co., George Holland, Pres., 111 W. Washington St., Chicago, Ill.
 Van Scriber Corp., J. L. Darnell, sales Mgr., 24th & Parkway, Phila., Pa.
 Warner, Chas., Co., Reed C. Bye, V. Pres., 10th & King Sts., Wilmington, Del.
 Washington Building Lime Co., C. H. Slater, Asst. Treas., 524 Equitable Bldg., Balto., Md.
 Western Lime & Cement Co., V. F. Nast, Sec., 68 E. Wisconsin Ave., Milwaukee, Wis.

Spec. 251a, CHEESECLOTH FOR WIPING PURPOSES

- American Sanitary Rag Co., Samuel Dry, V. Pres., 1415 Dayton St., Chicago, Ill.
 Berman, P. H., & Son, Benj. Berman, Mem. firm, 3425 Market St., Phila., Pa.
 Border City Mfg. Co., Chas. F. Winslow, Bkpr., Weaver St., Fall River, Mass.
 Clifton Mfg. Co., J. C. Evins, Pres., Clifton, S. C.
 Corr, Patrick, & Sons (Inc.), Leon. Corr, V. Pres., Trenton Ave., Oakdale & Tucker Sts., Phila., Pa.
 Ferer, Aaron, & Sons (Inc.), Samuel Ferer, Pres., 2000 N. Main St., St. Louis, Mo.
 Fort Pitt Sponge & Chamois Co., Chas. Cohen, Pres., Clark Bldg., Pittsburgh, Pa.
 General Fiber Co., Nathan Gumbin, Treas., Union & Lumber Sts., Chicago, Ill.
 Griswoldville Mfg. Co., Richard L. Moyle, V. Pres., 56 Worth St., New York, N. Y.
 Hagy, J. Milton, Waste Works, J. Milton Hagy, Pres., 836 S. Swanson St., Phila., Pa.
 Herring, M., & Co., M. Herring, owner, 115 Franklin St., New York, N. Y.
 Hill Ingram Co., Hill Ingram, Prop., 50 Cliff St., New York, N. Y.
 Hurwitz, D., & Sons., Hyman Hurwitz, partner, 175 Greene St., New York, N. Y.
 Katzenstein, M., & Son, James E. Katzenstein, owner, 3 Johnson Ave., Brooklyn, N. Y.
 Maryland Waste Co., Wm. A. Lubowitz, Pres., 1550 Ridgely St., Balto., Md.
 Mathes, G., Co., J. Mathes, Pres., 3100 N. Broadway, St. Louis, Mo.
 Meagher's, James, Sons, Joseph Meagher, jr., Sec., 270 Napoleon St., San Francisco, Calif.
 Mystic Waste Co. (Inc.), John E. Higgins, V. Pres., 1899 Parkway, Everett, Mass.
 National Wiping Cloth Co. (Inc.), Joseph A. DiDio, Gen. Mgr., 2513 N. Second St., Phila., Pa.
 National Wiping Material Co., B. L. Galawb, Mgr., 819 S. Caroline St., Balto., Md.
 Robinson, D., & Sons, Charles Robinson, Mem. firm, 1342 Harper Ave., Detroit, Mich.
 Scheinman-Neaman Co., I. L. Scheinman, partner, 1022 Victory St., Pittsburgh, Pa.
 Star Sanitary Rag Co., Chas. F. Neilson, jr., 2235 Ford Ave., Chicago, Ill.
 Steinberg, M., & Son (Inc.), Adolph Steinberg, Sec., 163 Mercer St., New York, N. Y.
 United States Wiping Material Co., Jerome Lipowitz, partner, 314 S. Main St., St. Louis, Mo.
 Wampanoag Mills, Albin C. Cook, Treas., 69 Alden St., Fall River, Mass.
 Wisconsin Textile By-Product Co., A. Locke, Pres., 1801 Calumet Drive, Sheboygan, Wis.
 Wisconsin Waste & Wiper Co., S. A. Sherman, V. Pres., 709 Windlake Ave., Milwaukee, Wis.
 Woodward Baldwin Co., G. Brent Dorsey, partner, 43 Worth St., New York, N. Y.

Spec. 252b, UNBLEACHED CHEESECLOTH

Acworth Mills, H. S. Mason, Treas., Acworth, Ga.	Laurel Lake Mills, Paul Gifford, Treas., 484 Globe St., Fall River, Mass.
Border City Mfg. Co., Chas. F. Winslow, Bkpr., Weaver St., Fall River, Mass.	Mystic Waste Co. (Inc.), John E. Higgins, V. Pres., 1899 Parkway, Everett, Mass.
Clifton Mfg. Co., J. C. Evins, Pres., Clifton, S. C.	National Wiping Cloth Co. (Inc.), Joseph A. DiDio, Gen. Mgr., 2513 N. Second St., Phila., Pa.
Consolidated Textile Corp., J. C. Saunders, Mgr., Bonham, Tex.	Robinson, D., & Sons, Charles Robinson, Mem. firm, 1342 Harper Ave., Detroit, Mich.
Ferer, Aaron, & Sons (Inc.), Samuel Ferer, Pres., 2000 N. Main St., St. Louis, Mo.	Star Sanitary Rag Co., Chas. F. Neilson, jr., 2235 Ford Ave., Chicago, Ill.
Fort Pitt Sponge & Chamois Co., Chas. Cohen, Pres., Clark Bldg., Pittsburgh, Pa.	United States Wiping Material Co., Jerome Lipowitz, partner, 314 S. Main St., St. Louis, Mo.
Griswoldville Mfg. Co., Richard L. Moyle, V. Pres., 56 Worth St., New York, N. Y.	Wampanoag Mills, Albin C. Cook, Treas., 69 Alden St., Fall River, Mass.
Harmony Mills, J. Skinner, Treas., 38 Worth St., New York, N. Y.	Wisconsin Textile By-Products Co., A. Locke, Pres., 1801 Calumet Drive, Sheboygan, Wis.
Herring, M., Co., M. Herring, owner, 115 Franklin St., New York, N. Y.	Woodward Baldson Co., G. Brent Dorsey, partner, 4300 Worth St., New York, N. Y.
Hill Ingram Co., Hill Ingram, Prop., 50 Cliff St., New York, N. Y.	
Hurwitz, D., & Sons, Hyman Hurwitz, partner, 175 Greene St., New York, N. Y.	

Spec. 253b, BLEACHED CHEESECLOTH

Ferer, Aaron, & Sons (Inc.), Samuel Ferer, Pres., 2000 N. Main St., St. Louis, Mo.	National Wiping Cloth Co. (Inc.), Joseph A. DiDio, Gen. Mgr., 2513 N. Second St., Phila., Pa.
Griswoldville Mfg. Co., Richard L. Moyle, V. Pres., 56 Worth St., New York, N. Y.	Robinson D., & Sons, Charles Robinson, Mem. of firm, 1342 Harper Ave., Detroit, Mich.
Hill Ingram Co., Hill Ingram, Prop., 50 Cliff St., New York, N. Y.	Star Sanitary Rag Co., Chas. F. Neilson, jr., 2235 Ford Ave., Chicago, Ill.
Hurwitz, D., & Sons, Hyman Hurwitz, partner, 175 Greene St., New York, N. Y.	United States Wiping Material Co., Jerome Lipowitz, partner, 314 S. Main St., St. Louis, Mo.
Mystic Waste Co. (Inc.), John E. Higgins, V. Pres., 1899 Parkway, Everett, Mass.	Wisconsin Textile By-Products Co., A. Locke, Pres., 1801 Calumet Drive, Sheboygan, Wis.

Spec. 254b, BROWN DENIM (SHRUNK)

(Now being revised.)

Spec. 255a, BROWN DENIM (UNSHRUNK)

Bradford Textile Co., H. K. Chisholm, owner, 31 Edinboro St., Boston, Mass.	Hill Ingram Co., Hill Ingram, Prop., 50 Cliff St., New York, N. Y.
Herring, M., Co., M. Herring, owner, 115 Franklin St., New York, N. Y.	Wellington, Sears & Co., Norman S. Hopes, Mem. firm, 65 Worth St., New York, N. Y.

Spec. 256b, INDIGO BLUE DENIM (SHRUNK)

Bradford Textile Co., H. K. Chisholm, owner, 31 Edinboro St., Boston, Mass.	Hill Ingram Co., Hill Ingram, Prop., 50 Cliff St., New York, N. Y.
Cone Export & Commission Co., S. F. Dennan, V. Pres., 343 Broadway, New York, N. Y.	Wellington, Sears Co., Charles O. Richardson, Mem. firm, 93 Franklin St., Boston, Mass.

Spec. 257a, INDIGO BLUE DENIM (UNSHRUNK)

Bradford Textile Co., H. K. Chisholm, owner, 31 Edinboro St., Boston, Mass.	Industrial Cotton Mills, L. D. Pitts, Pres., Rock Hill, S. C.
El Paso Cotton Mills Co., A. R. Henderson, V. Pres., Box 143, El Paso, Tex.	Stonewall Cotton Mills, A. C. Frank, V. Pres., Stonewall, Miss.
Herring, M., Co., M. Herring, owner, 115 Franklin St., New York, N. Y.	Wellington, Sears & Co., Chas. O. Richardson, Mem. firm, 93 Franklin St., Boston, Mass.
Hill Ingram Co., Hill Ingram, Prop., 50 Cliff St., New York, N. Y.	

Spec. 259a, COLORED COTTON RAGS (FOR WIPING MACHINERY) (STERILIZED)

Acme Sanitary Wiper & Waste Co., Wm. F. Schmitz, Sec., 481 31st St., Milwaukee, Wis.	Bayliss Sanitary Supply Co., Henry C. Bayliss, Pres., 341 W. Superior St., Chicago, Ill.
American Sanitary Rag Co., Samuel Dry, V. Pres., 1415 Dayton St., Chicago, Ill.	Belsky, Charles, & Co. (Inc.), Henry F. Thorpe, sales Mgr., 651 Main St., Holyoke, Mass.

- Berman, P. H., & Son, Benj. Berman, Mem. firm, 3425 Market St., Phila., Pa.
 Briggs, Chas. H., & Co., Chas. H. Briggs, Pres., 180 N. Wacker Drive, Chicago, Ill.
 Carpenter, Geo. B., & Co., Fred A. McLanchlan, V. Pres., 440 N. Wells St., Chicago, Ill.
 Corr, Patrick, & Sons (Inc.), Leon, Corr, V. Pres., Trenton Ave., Oakdale & Tucker St., Phila., Pa.
 Dallas Waste Mills, C. B. Fritz William, Sec., Lattimer & Clarence St., Dallas, Tex.
 Egan Waste Co., John J. Dingfelder, V. Pres., 168 Front St., New York, N. Y.
 Ferer, Aaron, & Sons (Inc.), Samuel Ferer, Pres., 2000 N. Main St., St. Louis, Mo.
 Fort Pitt Sponge & Chamois Co., Chas. Cohen, Pres., Clark Bldg., Pittsburgh, Pa.
 Godfrey Wiping Rag Corp., A. Merwin Godfrey, Pres., 601 Sackett St., Brooklyn, N. Y.
 Hagy, J. Milton, Waste Works, John S. Hagy, Pres., 836 S. Swanson St., Phila., Pa.
 Hill Ingram Co., Hill Ingram, Prop., 50 Cliff St., New York, N. Y.
 Hurwitz, D., & Sons, Hyman Hurwitz, Partner, 175 Greens St., New York, N. Y.
 Keystone Sanitary Supply Co., S. Davis, partner, 19 Hamilton St., Greensburg, Pa.
 Lord's John, Harry Lord, owner, 3828-3830 Terrace St., Phila., Pa.
 Maryland Waste Co., Wm. A. Lubowitz, Pres., 1550 Ridgely St., Balto., Md.
 Massasoit Mfg. Co., John Foley, Asst. Treas., 136 Pocasset St., Fall River, Mass.
 Mathes, G., Co., J. Mathes, Pres., 3100 N. Broadway, St. Louis, Mo.
 McGrath, John J., John J. McGrath, owner, 1340 N. Front St., Phila., Pa.
 Meagher's, James, Sons, Joseph Meagher, jr., Sec., 270 Napoleon St., San Francisco, Calif.
 Mystic Waste Co. (Inc.), John E. Higgins, V. Pres., 1899 Parkway, Everett, Mass.
 National Wiping Cloth Co. (Inc.), Joseph A. DiDio, Gen. Mgr., 2513 N. Second St., Phila., Pa.
 National Wiping Material Co., B. L. Galomb, Mgr., 819 S. Caroline St., Balto., Md.
 Pacific Iron & Metal Co., J. Glant, owner, 2213 1st Ave. S., Seattle, Wash.
 Radinsky, A. D., A. D. Radinsky, Prop., 2000 W. Colfax Ave., Denver, Colo.
 Robinson, D., & Son., Charles Robinson, Mem. firm, 1342 Harper Ave., Detroit, Mich.
 Royal Mfg. Co., F. W. Maier, Sec., 30 E. Grand St., Rahway, N. J.
 Scheinman-Neaman Co., J. L. Scheinman, partner, Pittsburgh, Pa.
 Sibbett, W. R., Co. (Inc.), O. Bergsten, Pres., 550 Poplar St., Oakland, Calif.
 South Atlantic Waste Co., E. F. McGowan, Treas., N. Bernard St., Charlotte, N. C.
 Star Sanitary Rag Co., Chas. F. Neilson, jr., 2235 Ford Ave., Chicago, Ill.
 Steinberg, M. & Son (Inc.), Adolph Steinberg, Sec., 163 Mercer St., New York, N. Y.
 United States Wiping Material Co., Jerome Lipowitz, partner, 314 S. Main St., St. Louis, Mo.
 Wisconsin Textile By-Products Co., A. Locke, Pres., 1801 Calumet Drive, Sheboygan, Wis.
 Wisconsin Waste & Wiper Co., S. A. Sherman, V. Pres., 709 Windlake Ave., Milwaukee, Wis.

Spec. 260, WIPING CLOTHS

- Acme Sanitary Wiper & Waste Co., Wm. F. Schmitz, Sec., 481-489 31st., Milwaukee, Wis.
 American Sanitary Bag Co., Samuel Dry, V. Pres., 1415 Dayton St., Chicago, Ill.
 Belsky, Chas., & Co. (Inc.), Henry F. Thorpe, sales Mgr., 651 Main St. Holyoke, Mass.
 Chicago Sanitary Rag Co., Morris B. Goldberg, Sec., 2139 S. Loomis St., Chicago, Ill.
 Dallar Waste Mills, C. B. Fritz William, Sec., Lattimer & Caroline Sts., Dallas, Tex.
 Ferer, Aaron, & Sons (Inc.), Samuel Ferer, Pres., 2000 N. Main St., St. Louis, Mo.
 Fort Pitt Sponge & Chamois Co., Chas. Cohen, Pres., Clark Bldg., Pittsburgh, Pa.
 General Fiber Co., Nathan Gumbin, Treas., Union & Lumber Sts., Chicago, Ill.
 Hagy, J. Milton, Waste Works, J. Milton Hagy, Pres., 836 S. Swanson St., Phila., Pa.
 Herring, M., Co., M. Herring, owner, 115 Franklin St., New York, N. Y.
 Hill Ingram Co., Hill Ingram, Prop., 50 Cliff St., New York, N. Y.
 Hurwitz, D., Sons, Hyman Hurwitz, partner, 175 Greene St., New York, N. Y.
 Katzenstein, M., & Son, James C. Katzenstein, owner, 3 Johnson Ave., Brooklyn, N. Y.
 Maryland Waste Co., Wm. A. Lubowitz, Pres., 1550 Ridgely St., Balto., Md.
 Massasoit Mfg. Co., John Foley, Asst. Treas., 136 Pocasset St., Fall River, Mass.
 Mathes, G., Co., J. Mathes, Pres., 3100 N. Broadway, St. Louis, Mo.
 McGrath, John J., John J. McGrath, owner, 1340 N. Front St., Phila., Pa.
 Moyer, Walter W., Walter W. Moyer, Prop., Ephrata, Pa.
 Mystic Waste Co. (Inc.), John E. Higgins, V. Pres., 1899 Parkway, Everett, Mass.
 National Wiping Cloth Co. (Inc.), Joseph A. DiDio, Gen. Mgr., 2513 N. Second St., Phila., Pa.
 National Wiping Material Co., B. L. Galomb, Mgr., 819 S. Caroline St., Balto., Md.
 Pacific Iron & Metal Co., J. Glant, owner, 2213 1st Ave., S., Seattle, Wash.
 Radinsky, A. D., A. D. Radinsky, Prop., 2000 W. Colfax Ave., Denver, Colo.
 Robinson, D., & Son., Chas. Robinson, Mem. firm, 1342 Harper Ave., Detroit, Mich.
 Royal Mfg. Co., F. W. Maier, Sec., 30 E. Grand St., Rahway, N. J.
 Scheinman-Neaman Co., I. L. Scheinman, partner, Pittsburgh, Pa.
 Star Sanitary Rag. Co., Chas. F. Neilson, jr., 223 Ford Ave., Chicago, Ill.
 Steinberg, M., & Son (Inc.), Adolph Steinberg, Sec., 163 Mercer St., New York, N. Y.
 United States Wiping Material Co., Jerome Lipowitz, partner, 314 S. Main St., St. Louis, Mo.
 Wisconsin Textile By-Products Co., A. Locke, Pres., 1801 Calumet Drive, Sheboygan, Wis.
 Wisconsin Waste & Wiper Co., S. A. Sherman, V. Pres., 709 Windlake Ave., Milwaukee, Wis.
 Woodward, Baldwin Co., G. Grent Dorsey, partner, 43 Worth St., New York, N. Y.

Spec. 261a, WHITE COTTON RAGS FOR WIPING MACHINERY (STERILIZED)

- Acme Sanitary Wiper & Waste Co., Wm. F. Schmitz, Sec., 481 31st St., Milwaukee, Wis.
 American Sanitary Rag Co., Samuel Dry, V. Pres., 1415 Dayton St., Chicago, Ill.
 Bay City Sanitary Rag Co., W. R. Sibbett, jr., Mgr., 680 Second St., Oakland, Calif.
 Bayliss Sanitary Supply Co., Henry Bayliss, Pres., 341 W. Superior St., Chicago, Ill.
 Belsky, Charles, & Co. (Inc.), Henry F. Thorpe, sales Mgr., 651 Main St., Holyoke, Mass.
 Berman, P. H., & Son, Benj. Bermen, Mem. firm, 3425 Market St., Phila., Pa.
 Briggs, Chas. H., & Co., Chas. H. Briggs, Pres., 180 N. Wacker Drive, Chicago, Ill.
 Carpenter, Geo. B., Co., Fred A. McLanehan, V. Pres., 440 N. Wells St., Chicago, Ill.
 Chicago Sanitary Rag Co., Morris B. Goldber, Sec., 2139 S. Loomis St., Chicago, Ill.
 Corr, Patrick, & Sons (Inc.), Leon Corr, V. Pres., Trenton Ave., Oakdale & Tucker Sts., Phila., Pa.
 Dallas Waste Mills, C. B. FritzWilliam, Sec., Lattimer & Clarence Sts., Dallas, Tex.
 Egan Waste Co., John J. Dingfelder, V. Pres., 168 Front St., New York, N. Y.
 Ferer, Aaron, & Sons (Inc.), Samuel Ferer, 2000 N. Main St., St. Louis, Mo.
 Fort Pitt Sponge & Chamois Co., Chas. Cohen, Pres., Clark Bldg., Pittsburgh, Pa.
 Godfrey Wiping Rag Corp., A. Merwin Godfrey, Pres., 601 Sackett St., Brooklyn, N. Y.
 Hagy, J. Milton, Waste Works, 835 S. Swanson St., Phila., Pa.
 Hill Ingram Co., Hill Ingram, owner, 50 Cliff St., New York, N. Y.
 Hurwitz, D., & Sons, Hyman Hurwitz, partner, 175 Greene St., New York, N. Y.
 Keystone Sanitary Supply Co., S. Davis, partner, 19 Hamilton St., Greensburg, Pa.
 Lord's, John, Sons, Harry Lord, owner, 3828 Terrace St., Phila., Pa.
 Maryland Waste Co., Wm. A. Lubowitz, Pres., 1550 Ridgely St., Balto., Md.
 Massasoit Mfg. Co., John Foley, Asst. Treas., 136 Pocasset St., Fall River, Mass.
 Mathes, G., Co., J. Mathes, Pres., 3100 N. Broadway, St. Louis, Mo.
 McGrath, John J., John J. McGrath, owner, 1340 N. Front St., Phila., Pa.
 Meagher's, James, Sons, Joseph Meagher, jr., Sec., 270 Napoleon St., San Francisco, Calif.
 Milwaukee Wiper Co. (Inc.), C. S. Winter, Sec., 280 Pittsburgh Ave., Milwaukee, Wis.
 Mystic Waste Co. (Inc.), John E. Higgins, V. Pres., 1899 Parkway, Everett, Mass.
 National Wiping Cloth Co. (Inc.), Joseph A. DiDio, Gen. Mgr., 2513 N. Second St., Phila., Pa.
 National Wiping Material Co., B. L. Galomb, Mgr., 819 Caroline St., Balto., Md.
 Pacific Iron & Metal Co., J. Glant, owner, 2213 1st Ave., S., Seattle, Wash.
 Radinsky, A. D., A. D. Radinsky, Prop., 2000 W. Colfax Ave., Denver, Colo.
 Robinson, D., & Son, Charles Robinson, Mem. firm, 1342 Harper Ave., Detroit, Mich.
 Royal Mfg. Co., F. W. Maier, Sec., 30 E. Grand St., Rahway, N. J.
 Scheinman-Neaman Co., I. L. Scheinman, partner, Pittsburgh, Pa.
 Sibbett, W. R., Co. (Inc.), O. Bergsten, Pres., 550 Poplar St., Oakland, Calif.
 South Atlantic Waste Co., E. F. McGowan, Treas., North Brevard St., Charlotte, N. C.
 Star Sanitary Rag Co., Chas. F. Neilson, jr., 2235 Ford Ave., Chicago, Ill.
 Steinberg, M., & Son (Inc.), Adolph Steinberg, Sec., 163 Mercer St., New York, N. Y.
 United States Wiping Material Co., Jerome Lipowitz, partner, 314 S. Main St., St. Louis, Mo.
 Wisconsin Textile By-Products Co., A. Locke, Pres., Sheboygan, Wis.
 Wisconsin Waste & Wiper Co., S. A. Sherman, V. Pres., 709 Windlake Ave., Milwaukee, Wis.

Spec. 262a, WHITE COTTON WASTE

- American Sanitary Rag Co., Samuel Dry, V. Pres., 1415 Dayton St., Chicago, Ill.
 Bayliss Sanitary Supply Co., Henry C. Bayliss, Pres., 341 W. Superior St., Chicago, Ill.
 Belsky, Chas., & Co. (Inc.), Henry F. Thorpe, sales Mgr., 651 Main St., Holyoke, Mass.
 Bishop, Robert, Mfg. Co., Robert Bishop, Treas., 157 W. Sixth St., S. Boston, Mass.
 Bowman, D. F., Co. (Inc.), J. J. Streepey, V. Pres., 315 W. Main St., New Albany, Ind.
 Briggs, Chas. H., & Co., Chas. H. Briggs, Pres., 180 N. Wacker Drive, Chicago, Ill.
 Buffalo Batt & Felt Corp., D. Goldstein, Treas., Ellicott Rd., Depew, N. Y.
 Carpenter, Geo. B., Co., Fred A. McLanehan, V. Pres., 440 N. Wells St., Chicago, Ill.
 Chicago Sanitary Rag Co., Morris B. Goldberg, Sec., 2139 S. Loomis St., Chicago, Ill.
 Corr, Partick, & Sons (Inc.), Leon. Corr, V. Pres., Trenton Ave., Oakdale & Tucker St., Phila., Pa.
 Dallas Waste Mills, O. B. FritzWilliam, Sec., Lattimer & Clarence Sts., Dallas, Tex.
 Egan Waste Co., John J. Dingfelder, V. Pres., 168 Front St., New York, N. Y.
 Flower Waste & Packing Co., J. E. Boyle, Sec., 30 Grand St., Rahway, N. J.
 General Fiber Co., Nathan Gumbin, Treas., Union & Lumber Sts., Chicago, Ill.
 Hagy, J. Milton, Waste Works, J. Milton Hagy, Pres., 836 S. Swanson St., Phila., Pa.
 Hithcon, W. W., jr., & Co., W. W. Hithcon, part owner, 151 W. Glenwood Ave., Phila., Pa.
 Hurwitz, D., & Sons, Hyman Hurwitz, partner, 175 Greene St., New York, N. Y.
 Lillie, Dexter P., Co., L. H. Baker, Sec., 24 Front St., Indian Orchard, Mass.
 Lord's, John, Sons, Harry Lord, owner, 3828 Terrace St., Phila., Pa.
 Massasoit Mfg. Co., John Foley, Asst. Treas., 136 Pocasset St., Fall River, Mass.
 McGrath, John J., John J. McGrath, owner, 1340 N. Front St., Philadelphia, Pa.
 National Wiping Cloth Co. (Inc.), Joseph A. DiDio, Gen. Mgr., 2513 N. Second St., Phila., Pa.
 National Wiping Material Co., B. L. Galomb, Mgr., 819 S. Caroline St., Balto., Md.
 Radinsky, A. D., A. D. Radinsky, Prop., 2000 W. Colfax Ave., Denver, Colo.

- Riverside Mills, F. M. Hefferman, 1st V. Pres., 11th & Tatnall Sts., Augusta, Ga.
 Robinson, D., & Son, Charles Robinson, Mem. firm, 1342 Harper Ave., Detroit, Mich.
 Royal Mfg. Co., F. W. Maier, Sec., 30 E. Grand St., Rahway, N. J.
 South Atlantic Waste Co., E. F. McGowan, Treas., North Brevard St., Charlotte, N. C.
 Standard Waste Mfg. Co. (Inc.), Chas. C. Ankrum, Pres., 2306 American St., Phila., Pa.
 Star Sanitary Rag Co., Chas. F. Neilson, jr., 2235 Ford Ave., Chicago, Ill.
 Steinberg, M., & Son (Inc.), Adolph Steinberg, Sec., 163 Mercer St., New York, N. Y.
 United States Wiping Material Co., Jerome Lipowitz, partner, 314 S. Main St., St. Louis, Mo.
 Wisconsin Textile By-Products Co., A. Locke, Pres., 1801 Calumet Drive, Sheboygan, Wis.
 Wisconsin Waste & Wiper Co., S. A. Sherman, V. Pres., 709 Windlake Ave., Milwaukee, Wis.

Spec. 263a, COLORED COTTON WASTE

- American Sanitary Rag Co., Samuel Dry, V. Pres., 1415 Dayton St., Chicago, Ill.
 Bayliss Sanitary Supply Co., Henry E. Bayliss, Pres., 341 W. Superior St., Chicago, Ill.
 Belsky, Chas., & Co. (Inc.), Henry F. Thorpe, sales Mgr., 651 Main St., Holyoke, Mass.
 Bishop, Robert, Mfg. Co., Robert Bishop, Treas., 157 W. Sixth St., S. Boston, Mass.
 Bowman, D. F., Co. (Inc.), J. J. Streepey, V. Pres., 315 W. Main St., New Albany, Ind.
 Briggs, Chas. H., & Co., Chas. H. Briggs, Pres., 180 N. Wacker Drive, Chicago, Ill.
 Buffalo Batt & Felt Corp., D. Goldstein, Treas., Ellicott Rd., Depew, N. Y.
 Carpenter, Geo. B., Co., Fred A. McLanehan, V. Pres., 440 N. Wells St., Chicago, Ill.
 Chicago Sanitary Rag Co., Morris B. Goldberg, Sec., 2139 S. Loomis St., Chicago, Ill.
 Corr, Patrick, & Sons (Inc.), Leon Corr, V. Pres., Trenton Ave., Oakdale & Tucker Sts., Phila., Pa.
 Dallas Waste Mills, C. B. FitzWilliam, Sec., Lattimer & Clarence Sts., Dallas, Tex.
 Egan Waste Co., John J. Dingfelder, V. Pres., 168 Front St., New York, N. Y.
 General Fiber Co., Nathan Gumbin, Treas., Union & Lumber Sts., Chicago, Ill.
 Hagy, J. Milton, Waste Works, J. Milton Hagy, Pres., 836 S. Swanson St., Phila., Pa.
 Hitchon, W. W., jr., & Co., W. W. Hitchon, jr., part-owner, 151 W. Glenwood Ave., Phila., Pa.
 Hurwitz, D., Sons, Hyman Hurwitz, partner, 175 Greens St., New York, N. Y.
 Lillie, Dexter P., Co., L. H. Baker, Sec., 24 Front St., Indian Orchard, Mass.
 Lord's, John, Sons, Harry Lord, owner, 3828 Terrace St., Phila., Pa.
 Majestic Packing & Rubber Corp., G. E. Schwartz, Pres., 287 Broadway, New York, N. Y.
 Massasoit Mfg. Co., John Foley, Asst. Treas., 136 Pocasset St., Fall River, Mass.
 McGrath, John J., John J. McGrath, owner, 1340 N. Front St., Phila., Pa.
 National Waste Co., C. R. Lang, Sec., 935 N. Halsted St., Chicago, Ill.
 National Wiping Cloth Co. (Inc.), Joseph A. DiDio, Gen. Mgr., 2513 N. Second St., Phila., Pa.
 National Wiping Material Co., B. L. Galomb, Mgr., 819 S. Caroline St., Balto., Md.
 Radinsky, A. D., A. D. Radinsky, Prop., 2000 W. Colfax Ave., Denver, Colo.
 Riverside Mills, F. M. Hefferman, 1st V. Pres., 11th & Tatnall Sts., Augusta, Ga.
 Robinson, D., & Sons, Charles Robinson, Mem. firm, 1342 Harper Ave., Detroit, Mich.
 Royal Mfg. Co., F. A. Maier, Sec., 30 E. Grand St., Rahway, N. J.
 South Atlantic Waste Co., E. F. McGowan, Treas., N. Brevard St., Charlotte, N. C.
 Standard Waste Mfg. Co. (Inc.), Charles C. Ankrum, Pres., 2306 N. American St., Phila., Pa.
 Star Sanitary Rag Co., Chas. F. Neilson, jr., 2235 Ford Ave., Chicago, Ill.
 Steinberg, M., & Son (Inc.), Adolph Steinberg, Sec., 163 Mercer St., New York, N. Y.
 Stratford, George, Oakum Co., A. C. Stratford, Pres., 160 Cornelison Ave., Jersey City, N. J.
 Sweetland Waste Co., Philip Benson, Pres., 134 Tudor St., S. Boston, Mass.
 United States Wiping Material Co., Jerome Lipowitz, Partner, 314 S. Main St., St. Louis, Mo.
 Wisconsin Textile By-Products Co., A. Locke, Pres., 1801 Calumet Drive, Sheboygan, Wis.
 Wisconsin Waste & Wiper Co., S. A. Sherman, V. Pres., 709 Windlake Ave., Milwaukee, Wis.

Spec. 264a, COLORED WOOL WASTE

- Bayliss Sanitary Supply Co., Henry C. Bayliss, Pres., 341 W. Superior St., Chicago, Ill.
 Belsky, Chas., & Co. (Inc.), Henry F. Thorpe, sales Mgr., 651 Main St., Holyoke, Mass.
 Bentley, Joseph, Hair Co., John M. Bentley, Pres., Pelham Ave., Methuen, Mass.
 Buffalo Batt & Felt Corp., D. Goldstein, Treas., Ellicott Rd., Depew, N. Y.
 Carpenter, Geo. B., & Co., Fred A. McLanehan, V. Pres., 440 N. Wells St., Chicago, Ill.
 Corr, Patrick, & Sons (Inc.), Leon Corr, Trenton Ave., Oakdale & Tucker Sts., Phila., Pa.
 Dallas Waste Mills, C. B. FitzWilliam, Sec., Lattimer & Clarence Sts., Dallas, Tex.
 Egan Waste Co., John J. Dingfelder, V. Pres., 168 Front St., New York, N. Y.
 Flower Waste & Packing Co., J. E. Boyle, Sec., 30 Grand St., Rahway, N. J.
 General Fiber Co., Nathan Gumbin, Treas., Union & Lumber Sts., Chicago, Ill.
 Hagy, J. Milton, Waste Works, J. Milton Hagy, Pres., 836 S. Swanson St., Phila., Pa.
 Hitchon, W. W., jr., & Co., W. W. Hitchon, jr., part owner, 151 W. Glenwood Ave., Phila., Pa.
 Lillie, Dexter P., Co., L. H. Baker, Sec., 24 Front St., Indian Orchard, Mass.
 Lord's, John, Sons, Harry Lord, owner, 3828 Terrace St., Phila., Pa.
 Massasoit Mfg. Co., John Foley, Asst. Treas., 136 Pocasset St., Fall River, Mass.
 McGrath, John J., John J. McGrath, owner, 1340 N. Front St., Phila., Pa.
 Radinsky, A. D., A. D. Radinsky, Prop., 2000 W. Colfax Ave., Denver, Colo.
 Riverside Mills, F. M. Hefferman, 1st V. Pres., 11th & Tatnall Sts., Augusta, Ga.

- Robinson, D., & Son, Charles Robinson, Mem. firm, 1342 Harper Ave., Detroit, Mich.
 Royal Mfg. Co., F. W. Maier, Sec., 30 E. Grand St., Rahway, N. J.
 Sibbett, W. R., Co. (Inc.), O. Bergsten, Pres., 550 Poplar St., Oakland, Calif.
 Standard Waste Mfg. Co. (Inc.), Charles C. Ankrum, Pres., 2306 N. American St., Phila., Pa.
 Star Sanitary Rag Co., Chas. F. Neilson, jr., 2235 Ford Ave., Chicago, Ill.
 Steinberg, M., & Son (Inc.), Adolph Steinberg, Sec., 163 Mercer St., New York, N. Y.
 Wisconsin Textile By-Products Co., A. Locke, Pres., 1801 Calumet Drive, Sheboygan, Wis.
 Wisconsin Waste & Wiper Co., S. A. Sherman, V. Pres., 709 Windlake Ave., Milwaukee, Wis.

Spec. 265a, BLACK WATERPROOF DRAWING INK

- Abbey, R. A., Co., R. A. Abbey, owner, 1109 Jackson St., Scranton, Pa.
 Diamond Ink Co., Robert R. Ritz, Pres., 817 34th St., Milwaukee, Wis.
 Higgins, Chas. M., & Co., Tracy Higgins, Gen. Mgr., 271 9th St., Brooklyn, N. Y.
 Keuffel & Esser Co., W. G. Keuffel, Pres., 3rd & Adams Sts., Hoboken, N. J.
 Stafford, S. S. (Inc.), W. S. Stafford, Pres., 609 Washington St., New York, N. Y.
 Wallior Chemical Works, F. A. Wallior, owner, 528 Dauphine St., New Orleans, La.
 Weil, J. H., & Co., Walter A. Kohen, Mem. firm, 1315 Cherry St., Phila., Pa.

Spec. 266a, INDELIBLE MARKING INK FOR FABRICS

- Abbey, R. A., Co., R. A. Abbey, owner, 1109 Jackson St., Scranton, Pa.
 American Mfg. Co., Charles Hock, Mgr., 465 Jackson Ave., New York, N. Y.
 Carter's Ink Co., Walter F. Wyman, Gen. sales Mgr., 239 First St., Cambridge, Mass.
 Davids, Thaddeus, Ink Co. (Inc.), W. J. Walsh, sales Mgr., 95 Vandam St., New York, N. Y.
 Diamond Ink Co., Robert R. Ritz, Pres., 817 34th St., Milwaukee, Wis.
 Kaumagraph Co., Trowbridge Marston, Pres., 200 Varick St., New York, N. Y.
 Kohnstamm, H., & Co. (Inc.), Joseph Kohnstamm, Treas., 83 Park Place, New York, N. Y.
 Levison & Blythe Mfg. Co., F. W. Palmer, Pres., 209 Locust St., St. Louis, Mo.
 Luther Ink & Stamp Pad Co., Henry J. Luther, Pres., 55 E. Park St., Newark, N. J.
 National Marking Machine Co., A. R. Goodall, Mem. firm, 4022 Cherry St., Cincinnati, Ohio.
 Payson's Indelible Ink Co., Robert L. Williston, Treas., 28 Henshaw Ave., Northampton, Mass.
 Stafford, S. S. (Inc.), W. S. Stafford, Pres., 609 Washington St., New York, N. Y.
 Wallior Chemical Works, F. A. Wallior, owner, 528 Dauphine St., New Orleans, La.
 Weber, F. Co., E. G. Weber, Pres., 1220 Buttonwood St., Phila., Pa.

Spec. 268a, FIRE-CLAY BRICK

- Ashland Fire Brick Co., E. M. Weinfurtnner, Sec., Ashland, Ky.
 Athens Brick & Tile Co., C. H. Coleman, Pres., Athens, Tex.
 Brooklyn Fire Brick Works, M. J. Kelley, V. Pres., 88 Van Dyke St., Brooklyn, N. Y.
 Clayburn Co. (Ltd.), J. H. Roaf, Mgr. Dir., 216 Walker Bldg., Second Ave., Seattle, Wash.
 Dee, Wm. E., Co., Henry F. Krieg, Mgr. Refractories Div., 30 N. LaSalle St., Chicago, Ill.
 Denver Fire Clay Co., Harold A. Bosworth, Pres., 1742 Champa St., Denver, Colo.
 Diamond Fire Brick Co., H. F. Bowen, Treas., Canon City, Colo.
 Evens & Howard Fire Brick Co., R. M. Sievers, V. Pres., 920 Market St., St. Louis, Mo.
 Fulton Fire Brick Co., L. N. Nickell, Pres., Fulton, Mo.
 Garfield Fire Clay Co., P. A. Robinson, Sec., Robinson, Pa.
 General Refractories Co., E. A. McKelvy, V. Pres., 106 S. 16th St., Phila., Pa.
 Gladding, McBean & Co., H. B. Power, Sec., 621 South Hope St., Los Angeles, Calif.
 Golden Fire Brick Co., Paul Brown, Sec., 1936 15th St., Denver, Colo.
 Green, A. P., Fire Brick Co., J. Harrison Brown, Sec., Mexico, Mo.
 Harbinson-Walker Refractories Co., Kenneth Seaver, Gen. sales Mgr., 1800 Farmers Bank Bldg., Pittsburgh, Pa.
 Ironton Fire Brick Co., C. E. Bales, Production Mgr., Ironton, Ohio.
 Jersey City Refractories Co., A. E. Acheson, Pres., 135 W. Side Ave., Jersey City, N. J.
 Laclede Christy Clay Products Co., John H. McGelvey, V. Pres., 1711 Ambassador Bldg., St. Louis, Mo.
 Mitchell Clay Mfg. Co., C. W. Berry, sales Mgr., 5627 Manchester Ave., St. Louis, Mo.
 Niles Fire Brick Co., P. J. Sheehan, in charge of operations, E. Park Ave., Niles, Ohio.
 Oak Hill Fire Brick & Coal Co., D. W. Morgan, Gen. Mgr., Oak Hill, Ohio.
 Ostrander Fire Brick Co., J. W. F. Podmore, Treas., Woodbridge, N. J.
 Portsmouth Refractories Co., W. B. Hitchcock, V. Pres., 2700 Gallia St., Portsmouth, Ohio.
 Queen's Run Refractories Co. (Inc.), Geo. H. Diack, Gen. Mgr., W. Water St., Lock Haven, Pa.
 St. Louis Fire Brick Co., Louis J. Porri, sales Mgr., Boyle & Slauson Ave., Huntington Park, Calif.
 Savage Mountain Fire Brick Co., V. L. Wallelt, Sec., Mt. Union, Pa.
 Sayre & Fisher Brick Co., F. M. Tomley, Sec., Sayreville, N. J. (For classes H 25, H 75, M 7, M 73, only.)
 Sneyd Enameled Brick Co., C. F. Clark, Sec., New York Ave. & Penn St., Trenton, N. J.
 Taylor, Chas., Sons Co., M. C. Booze, V. Pres., 706 Burns St., Cincinnati, Ohio. (For classes H 57, H 75, and M 73 only.)

Thornton Fire Brick Co., D. R. Potter, Treas., 910 Gaff Bldg., Clarksburg, W. Va.
 United States Refractories Corp., V. L. Wallett, Sec., Mount Union, Pa.
 Valentine, M. D., & Bros. Co., W. H. Peterson, V. Pres., Fulton St., Woodbridge, N. J.

Vitrefrac Corp., Ralph W. Brown, Treas., 5050 Pacific Blvd., Los Angeles, Calif.
 Washington Brick Lime & Sewer Pipe Co., V. E. Piollet, V. Pres., S. 151 Washington St., Spokane, Wash.
 Westmoreland Brick Co., Jno. C. Leitch, V. Pres., Federal Reserve Bldg., Pittsburgh, Pa.

Spec. 275, ROAD OIL FOR HOT APPLICATION (TYPE OH-1-25)

American Asphalt Roof Corp., E. E. Vernick, Sec., 15th & Blue River, Kansas City, Mo.
 Barber Asphalt Co., C. W. Bayliss, V. Pres., 1600 Arch St., Phila., Pa.
 Beacon Oil Co. (Inc.), L. J. Walsh, V. Pres., 30 Beacham St., Everett, Mass.
 Cabot, Samuel (Inc.), M. G. Bennett, Treas., 141 Milk St., Boston, Mass.
 Crowley Tar Products Co., D. L. Crowley, Gen. Mgr., 415 Lexington Ave., New York, N. Y.
 Gilmore Oil Co., W. G. Julien, Asst. Sec., 2423 E. 28th St., Los Angeles, Calif.
 Magnolia Petroleum Co., R. H. Stephens, V. Pres., P. O. Box 1667, Dallas, Tex.
 Midwest Refining Co., H. B. Carpenter, Mgr., Asphalt Dept., 1st Nat. Bank Bldg., Denver, Colo.
 New England Oil Refining Co., J. L. Dornell, V. Pres., Fall River, Mass.

New Orleans Refining Co. (Inc.), L. W. Law, Mgr., asphalt sales Dept., 900 United Fruit Bldg., New Orleans, La.
 Pan American Petroleum Co., J. R. Keane, Mgr., fuel oil & asphalt sales, 10th & Flower Sts., Los Angeles, Calif.
 Sinclair Refining Co. of La. (Inc.), F. W. Frole, 916 New Orleans Bank Bldg., New Orleans, La.
 Standard Oil Co. (Calif.), J. K. Jirth, jr., Mgr., fuel oil & asphalt Div. 225 Bush St., San Francisco, Calif.
 Standard Oil Co. (Ind.), C. C. Lakin, Mgr., asphalt & road oil Dept., 910 S. Michigan Ave., Chicago, Ill.
 Standard Oil Co. (N. J.), C. G. Sheffield, Asphalt Dept., 26 Broadway, New York, N. Y.
 Tar Products Corp., B. D. Gill, V. Pres., 99 Empire St., Providence, R. I.

Spec. 276a, ASPHALT FOR USE IN ROAD AND PAVEMENT CONSTRUCTION

American Asphalt Roof Corp., E. E. Vernick, Sec., 15th & Blue River, Kansas City, Mo.
 Barber Asphalt Co., C. W. Bayliss, V. Pres., 1600 Arch St., Phila., Pa.
 Beacon Oil Co. (Inc.), L. J. Walsh, V. Pres., 30 Beacham St., Everett, Mass.
 Byerlyte Co., D. N. Myers, Gen. Mgr., 2484 W. 4th St., Cleveland, Ohio.
 Kentucky Rock Asphalt Co. (Inc.), W. A. Brownfield, Ch. Engr., 716 M. E. Taylor Bldg., Louisville Ky.
 Midwest Refining Co., H. B. Carpenter, Mgr., asphalt Dept., 1st Nat. Bank Bldg., Denver, Colo.
 New Orleans Refining Co. (Inc.), L. W. Law, Mgr., asphalt sales Dept., 900 United Fruit Bldg., New Orleans, La. (Following designations only: AP-1-25, AP-2-25, AP-3-25, AP-5-25, AP-6-25, AP-7-25.)
 Pan American Petroleum Co., J. R. Keane, Mgr., fuel oil & asphalt sales, 10th & Flower Sts., Los Angeles, Calif.

Pioneer Asphalt Co., J. Young, Pres., 251 Front St., New York, N. Y.
 Sinclair Refining Co. of La. (Inc.), F. W. Frole, 916 New Orleans Bank Bldg., New Orleans, La.
 Standard Oil Co. (Calif.), J. K. Jirth, jr., Mgr., fuel oil & asphalt Div., 225 Bush St., San Francisco, Calif.
 Standard Oil Co. (Ind.), C. C. Lakin, Mgr., asphalt & road oil Dept., 910 S. Michigan Ave., Chicago, Ill.
 Standard Oil Co. (La.), H. C. Ehrenfels, Mgr., asphalt Dept., St. Charles & Jackson Sts., New Orleans, La. (Following designations only: AP-2-25, AP-3-25, AP-5-25, AP-6-25, AP-7-25.)
 Standard Oil Co. (N. J.), C. G. Sheffield, asphalt Dept., 26 Broadway, New York, N. Y.
 Standard Oil Co. (N. Y.), B. L. Boye, Asst. Mgr., road oil & asphalt Dept., 26 Broadway, New York, N. Y.
 Zophar Mills (Inc.), H. J. Blank, Pres., 587 Court St., Brooklyn, N. Y.

Spec. 277, PETROLEUM ASPHALT FOR JOINT FILLER (SQUEEGEE OR POURING METHOD) (TYPE PAF-1-25)

American Asphalt Roof Corp., E. E. Vernick, Sec., 15th & Blue River, Kansas City, Mo.
 Barber Asphalt Co., C. W. Bayliss, V. Pres., 1600 Arch St., Phila., Pa.
 Barrett Co., R. V. Mahon, V. Pres., 40 Rector St., New York, N. Y.
 Byerlyte Co., D. N. Myers, Gen. Mgr., 2484 W. 4th St., Cleveland, Ohio.
 Carey, Philip, Co., E. Puse, Sec., Lockland, Ohio.
 Klein Mfg. Co., H. A. Jaenlee, Sec., 402 Perry-Payne Bldg., Cleveland, Ohio.

Lehon Co., T. W. Shoop, V. Pres., 44th St. on Oakley Ave., Chicago, Ill.
 Lewis Asphalt Engineering Corp., R. W. Lewis, Pres., 30 Church St., New York, N. Y.
 Magnolia Petroleum Co., R. H. Stephens, V. Pres., Box 1667, Dallas, Tex.
 Midwest Refining Co., H. B. Carpenter, Mgr., asphalt Dept., 1st Nat. Bank Bldg., Denver, Colo.
 National Asbestos Mfg. Co., C. S. Brooke, V. Pres., 163 Henderson St., Jersey City, N. J.

- New Orleans Refining Co. (Inc.), L. W. Law, Mgr., asphalt sales Dept., 900 United Fruit Bldg., New Orleans, La.
- Pan American Petroleum Co., J. R. Keane, Mgr., fuel oil & asphalt sales, 10th & Flower Sts., Los Angeles, Calif.
- Pioneer Asphalt Co., J. Young, Pres., 251 Front St., New York, N. Y.
- Servicised Products Corp., H. Fischer, Pres., 6051 W. 65th St., Chicago, Ill.
- Sinclair Refining Co. of La. (Inc.), F. W. Froley, 916 New Orleans Bank Bldg., New Orleans, La.
- Standard Oil Co. (Calif.), J. K. Jirth, jr., Mgr., fuel oil & asphalt Div., 225 Bush St., San Francisco, Calif.
- Standard Oil Co. (Ind.), C. C. Lakin, Mgr., asphalt & road oil Dept., 910 S. Michigan Ave., Chicago, Ill.
- Standard Oil Co. (N. J.), C. G. Sheffield, asphalt Dept., 26 Broadway, New York, N. Y.
- Standard Oil Co. (N. Y.), B. L. Boye, Asst. Mgr., road oil & asphalt Dept., 26 Broadway, New York, N. Y.
- Zophar Mills (Inc.), H. J. Blank, Pres., 587 Court St., Brooklyn, N. Y.

Spec. 278, OUTSIDE WHITE TITANIUM-ZINC PAINT (SEMIPASTE AND READY MIXED)

- Adelphi Paint & Color Works (Inc.), O. Einhorn, Pres., 86th St. & Old South Rd., Woodhaven, L. I., N. Y.
- Alpers, W. A., Co., W. A. Alpers, Pres., 1039 W. 11th St., Cleveland, Ohio.
- American Paint & Supply Co., L. H. Ferguson, Asst. Sec., Box 891, Dallas, Tex.
- American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La.
- Apex Color Works (Inc.), L. Liedeker, Sec., 50 W. Broadway, New York, N. Y.
- Arlington Paint & Varnish Co., Alfred B. Stellwagon, Mgr., 1329 Harrison Ave., S. W., Canton, Ohio.
- Ashland Paint Co., E. M. Miller, Gen. Mgr., Huntington, W. Va.
- Avalon Paint Corp., F. A. Sage, Pres., 2127 Santee St., Los Angeles, Calif.
- Baltimore Paint & Color Works (Inc.), Morres Shuger, Pres., 148 S. Calverton Rd., Balto., Md.
- Benson Paint & Varnish Co., B. Y. Benson, Pres., Birmingham, Ala.
- Bigelow Varnish Co., James W. Crelin, Asst. Sec., 87 Oliver St., Newark, N. J.
- Blue Ribbon Paint Co., G. W. Vogt, V. Pres., 2321 Main St., Wheeling, W. Va.
- Boatwright Paint & Varnish Works, T. B. Boatwright, Pres., 134 Walker St., Atlanta, Ga.
- Born, L., L. Born, Prop., 51 W. Queen St., Hampton, Va.
- Bradford, James, Co., W. M. Francis, Pres., 212 Market St., Wilmington, Del.
- Bradley & Vrooman Co., E. M. Rosenthal, Sec., 2632 S. Dearborn St., Chicago, Ill.
- Breinig Bros. (Inc.), W. B. Fuller, Gen. Mgr., 3d & Grand Sts., Hoboken, N. J.
- Briggs-Maroney Co. (Inc.), Geo. J. Beake, Sec., 85 Paris St., Everett, Mass.
- Calbar Paint & Varnish Co., F. Elwees, V. Pres., 2620 Martha St., Phila., Pa.
- California Paint Co., M. S. Orrick, V. Pres., 1797 12th St., Oakland, Calif.
- Capital Paint Co. (Inc.), Conrad C. Smith, Pres., S. Washington, Va.
- Capitol Paint & Varnish Works (Inc.), Henry J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y.
- Central Paint & Varnish Works, Bernard Barrich, Tech. Dir., 63 Prospect St., Brooklyn, N. Y.
- Certain-teed Products Corp., Dntro C. Cole, V. Pres., 100 E. 42d St., New York, N. Y.
- Chicago White Lead & Oil Co., Albert Engelsman, Asst. Sec., 1454 S. Western Ave., Chicago, Ill.
- Cleveland Paint & Color Co., W. A. Alpers, Sec., 1039 W. 11th St., Cleveland, Ohio.
- Cook Paint & Varnish Co., V. H. Whitelam, V. Pres., Kansas City, Mo.
- Cooledge & Sons (Inc.), Grier Martin, Sec., 12 N. Forsyth St., Atlanta, Ga.
- Davis Paint Co., L. O. Hawkinson, V. Pres., 14th & Iron Sts., N. Kansas City, Mo.
- Davis, H. B., Co., H. B. Davis, Pres., Bayard & Severn Sts., Balto., Md.
- Dean & Barry Co., Geo. W. McKay, Treas., 296 N. Water St., Columbus, Ohio.
- Denny, Hilborn & Rosenbach (Inc.), N. P. Rosenbach, Treas., 230 N. 12th St., Phila., Pa.
- De Soto Paint & Varnish Co., E. R. Herbert, sales promotion Dir., Broadway & Sommerville Sts., Memphis, Tenn.
- Detroit Graphite Co., P. L. Maury, V. Pres., 550 12th St., Detroit, Mich.
- Devoe & Reynolds Co. (Inc.), Richard B. Ayer, Tech. Dir., 1 W. 47th St., New York, N. Y.
- Dolphin Paint & Varnish Co., Julius Blum, 2d V. Pres., Champlain & Locust Sts., Toledo, Ohio.
- Economy Paint Mills, C. J. Wilson, Pres., Geneva, Nebr.
- Elkhart Enamel & Paint Corp., W. F. Steep, Gen. Mgr., Crawford St., Elkhart, Ind.
- Elliott Varnish Co., H. A. Rowland, Pres., 4525 W. 5th Ave., Chicago, Ill.
- Farboil Paint Co., M. D. Swartz, owner, Eastern Ave. & 11th St., Balto., Md.
- Federal Composition & Paint Co. (Inc.), G. H. Miles, Ch. clerk, 33 Rector St., New York, N. Y.
- Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
- Fitch-Riggall Paint & Varnish Co., Albert Riggall, Pres., 315 Market St., Phila., Pa.
- Forman, Ford & Co., A. E. Clerihe, Pres., 111 2d St., S., Minneapolis, Minn.
- Franklin Paint Co., L. S. Sanders, Gen. Mgr., 8203 Franklin Ave., Cleveland, Ohio (Ready mixed only.)
- Frazer Paint Co., W. E. Hanes, V. Pres., 2475 Hubbard Ave., Detroit, Mich.
- Fuller W. P., & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
- Garland Co., L. J. Pfister, V. Pres., 3748 E. 91st St., Cleveland, Ohio.
- Glidden Co., M. G. Williams, V. Pres., Madison Ave. & Berea Rd., Cleveland, Ohio.
- Globe Paint Co., Geo. B. Spicer, sales Mgr., 202 Market St., Williamsport, Pa.
- Goheen Corp. of N. J., E. I. Ress, Sec., 202 Emmett St., Newark, N. J.
- Great Lakes Varnish Works, John G. Shilvoek, Pres., 2207 N. Crawford Ave., Chicago, Ill.
- Hampden Paint & Chemical Co., W. L. Costigan, Asst. Sec., 161 Arnory St., Springfield, Mass.
- Hancock Paint & Varnish Co., Edwin J. Heap, V. Pres., Atlantic, Mass.

- Hanline Bros., Leon S. Hanline, Mem. firm, 23 S. Howard St., Balto., Md.
- Henderson & Johnson (Inc.), R. B. Henderson, Pres., 121 Duncan St., Gloucester, Mass. (Ready mixed only.)
- Herock Mfg. Co., Fred L. Herr, partner, Wheatland St., Phoenixville, Pa.
- Hunt, J. W., J. W. Hunt, Prop., 1221 New York Ave. NW., Washington, D. C.
- Impervious Paint & Varnish Co., J. E. Peofe, Prop., 161 E. Allen St., Phila., Pa.
- Inland White Lead Co., C. Walton Aborn, Supt., 741 Boston Ave., Chicago, Ill.
- International Paint Corp., E. B. Dunford, Gen. Mgr., 13th St. & S. Rwy., East St. Louis, Ill.
- Johnson, A. S., & Co., G. W. Johnson, Mgr., 1142 Broadway, Tacoma, Wash.
- Jones-Dabney Co. (Inc.), E. J. Probeck, Prod. Mgr., 1481 S. 11th St., Louisville, Ky.
- Jones & Dillingham, H. L. Jones, Asst. Mgr., 713 First Ave., Spokane, Wash.
- Keystone Varnish Co., R. Ewell, Sec., 71 Otsego St., Brooklyn, N. Y.
- King & Co., Wm. H., Parker D. King, Pres., 66 Kane St., Brooklyn, N. Y.
- Kohler-McLister Paint Co., Frank McLister, Mgr., W. 13th & Osage Sts., Denver, Colo.
- Lampton, Crane & Ramey Co., A. E. Warfield, V. Pres., in charge of sales, 1201 Story Ave., Louisville, Ky.
- Lawrence, W. W. & Co., C. D. Wettach, Pres., W. Carson St., Pittsburgh, Pa.
- Leitch Mfg. Co., I. O. Miners, V. Pres., 342 Madison Ave., New York, N. Y.
- Liebich, G. J., Co., Harry E. Donner, Sec., 166 W. Kinzie St., Chicago, Ill.
- Lincoln Paint & Color Co., H. H. McVicher, Asst. sales Mgr., 811 M. St., Lincoln, Nebr.
- Lino Paint Co., A. H. Clino, V. Pres., 16908 Waterloo Rd., Cleveland, Ohio.
- Long, Chas. R., jr., Co., Samuel S. Demarest, V. Pres., 1520 W. Hill St., Louisville, Ky.
- Lucas, John, & Co. (Inc.), James R. Allen, Mgr., marine Dept., 521 Washington St., New York, N. Y.
- Lucas, John, & Co. (Inc.), G. Johannes, Mgr., Ind. sales, 322 Rade St., Phila., Pa.
- Mahoning Paint & Oil Co., B. M. Nichols, Sec., 653 Jones St., Youngstown, Ohio.
- Marietta Paint & Color Co., W. R. Campbell, V. Pres., Greene & Acme Sts., Marietta, Ohio.
- Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig St., New Orleans, La.
- McDaniel Paint & Varnish Co., Irvin M. Severson, V. Pres., 1500 W. Kinzie St., Chicago, Ill.
- McDougall-Butler Co. (Inc.), F. M. Graves, V. Pres., 6 Evans St., Buffalo, N. Y.
- McMurtry Mfg. Co., Allan G. Barr, salesman, 1533 Arapahoe St., Denver, Colo.
- McNamara, Michael, Varnish Works, Michael McNamara, V. Pres., 2538 Clark Ave., Detroit, Mich.
- Merkin Paint Co. (Inc.), M. J., Edward Burger, Tech. Mgr., 25 Spruce St., New York, N. Y.
- Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balto., Md.
- Minnesota Linseed Oil & Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn.
- Mobile Paint Mfg. Co., B. S. Butler, Pres., Dauphin & Water Sts., Mobile, Ala.
- Moline Paint Mfg. Co., W. C. Skinner, Sec., 101 16th St., Moline, Ill.
- Monad Paint & Varnish Co., Daniel J. McCrudden, jr., Prop., Roberts Ave., & Pa. R. R., Phila., Pa.
- Moore, Benjamin, & Co., L. A. Diddle, Mgr., 4400 E. 71st St., Cleveland, Ohio.
- Mutual Paint Co., N. P. Malvern, Gen. Mgr., 700 Vandalia St., St. Paul, Minn.
- Natroco Paint & Varnish Works, H. B. Fleming, Mgr., Fillmore Ave., Tonawanda, N. Y.
- Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
- Oxford Varnish Corp., A. P. Tallman, Ch. Bd. of Dir., 350 Morris St., Toledo, Ohio. (Ready mixed only.)
- Palmer-Price Co., Robert A. Luz, Treas., McWhorter & Chestnut Sts., Newark, N. J.
- Paraffine Cos. (Inc.), E. R. DeGraf, Mgr., paint Dept., 475 Brannan St., San Francisco, Calif.
- Patek Bros. (Inc.), W. O. Schwarz, V. Pres., 230 E. Water St., Milwaukee, Wis.
- Peaslee-Gaulbert Paint & Varnish Co., H. G. Fitzpatrick, Asst. Mgr., trade sales, 223 N. 15th St., Louisville, Ky.
- Pecora Paint Co., S. B. Bowen, jr., Pres., 3501 N. 4th St., Phila., Pa.
- Perry & Derrick Co. (Inc.), F. J. Derrick, Pres., 906 Central Ave., Cincinnati, Ohio.
- Phoenix Paint & Varnish Co., W. Gentry Hodgson, Sec., 124 Market St., Phila., Pa.
- Pittsburgh Plate Glass Co., H. E. Reeve, Agt., 2 Chester Ave., Newark, N. J.
- Porter Paint Co., Paul T. Eitel, Asst. Sec., 401 S. 14th St., Louisville, Ky.
- Red Spot Paint & Varnish Co., Harry B. Bausland, Treas., 110 Main St., Evansville, Ind.
- Reliable Paint Co., W. E. Mullin, Pres., 906 E. Main St., Louisville, Ky.
- Ridgway-Quest Co., T. F. Chamberlain, jr., Asst. Treas., 2514 W. 48th St., Chicago, Ill.
- St. Louis Surfacers & Paint Co., H. Davis, Pres., 4200 Arlington Ave., St. Louis, Mo.
- St. Paul White Lead & Oil Co., W. H. Sweeney, V. Pres., Water & Starkey Sts., St. Paul, Minn.
- Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va.
- Sargent-Gerke Co., W. H. Gerke, Pres., W. 15th & Big 4 R. R., Indianapolis, Ind.
- Scientific Production Corp., Philip G. Strong, V. Pres., 3852 Grand Cent. Terminal, New York, N. Y.
- Seidlitz Paint & Varnish Co., J. F. Hammond, V. Pres., 18th & Garfield Sts., Kansas City, Mo.
- Sewall Paint & Varnish Co., A. C. Bale, V. Pres., 1009 W. 8th St., Kansas City, Mo.
- Sheldon, Albert K., Co., Albert K. Sheldon, Pres., 187 Broadway, Cambridge, Mass.
- Solastic Products Co. (Inc.), Harold M. Rudd, Pres., 3018 9th Ave. S., Seattle, Wash.
- Sommers & Co. (Ltd.), I. Sommers, Pres., 342 Madison Ave., New York, N. Y.
- Special Products Co., Clay Littleton, owner, 2412 Trenton Ave., Bristol, Pa.
- Spruance, Gilbert, Co., Gilbert Spruance, Pres., Richmond & Tioga Sts., Phila., Pa.
- Standard Paint & Lead Works (Inc.), A. C. Benstern, Treas., Willey Ave. on Big Four R. R., Cleveland, Ohio.
- Sterling Paint Co., N. D. Bergeson, Gen. Mgr., 6460 Green St., Emeryville, Calif.
- Sterling Paint & Varnish Co., A. E. Cole, Pres., East Boston, Mass.
- Stewart Bros. Paint Co., W. E. Stewart, Sec., 999 N. Union Ave., Alliance, Ohio.

- Stewart Paint Mfg. Co., E. W. Stewart, Pres., 1729 2d St. N., Minneapolis, Minn.
 Suydam, M. B., Co., R. S. Suydam, Pres., Island & Preble Aves, Pittsburgh, Pa.
 Tampa Paint & Varnish Co., E. B. Cordon, Mgr., 104 Washington St., Tampa, Fla.
 Thompson & Co., John L. Crowley, Supt., 857 W. North Ave., Pittsburgh, Pa.
 Thomson Wood Finishing Co., Jack Binswanger, Tech. Dir., 829 N. 3d St., Phila., Pa.
 Tibbetts, H. R., Paint Co., H. R. Tibbetts, V. Pres., 1616 E. 14th St., Los Angeles, Calif.
 Toch Bros. (Inc.), Maximilian Toch, V. Pres., 443 4th Ave., New York, N. Y.
 Tower Varnish & Dryer Co., C. G. Gruult, Sec., Dayton, Ohio. (Ready mixed only.)
 Truscon Laboratories, J. J. Super, Asst. Gen. Mgr., Caniff Ave. & G. T. R. R., Detroit, Mich.
 Vallé Co., Dr. Cecilio D. Vallé, Pres., 4476 E. 71st St., Cleveland, Ohio.
- Varcraft Works (Inc.), F. A. Wertz, Prod. Mgr., Keim & Cross Sts., Pottstown, Pa.
 Warren Paint & Color Co., Raymond A. Perry, V. Pres., 700 Wedgewood Ave., Nashville, Tenn.
 Wetherill, Geo. D., & Co. (Inc.), S. D. Davis, Tech. Dir., 113 Arch St., Phila., Pa.
 White Co., I. Benesch, Asst. Sec., Loneys Lane & Middle Sts., Balto., Md.
 Wilson Paint Co., A. W. Schreineg, Sec., 410 Reading Rd., Cincinnati, Ohio.
 Witte, John H., & Sons, Wm. A. Witte, partner, Burlington, Iowa.
 Woolsey, C. A., Paint & Color Co., Harry Woolsey, Sec., 500 Grand St., Jersey City, N. J.
 Yarnall Paint Co., Geo. G. Beitzel, V. Pres., Grays Ave. west of 54th St., Phila., Pa.
 Yates & Co. (Inc.), C. M. Yates, jr., Pres., 754 Folsom St. San Francisco, Calif.

Spec. 279, TARS FOR COLD APPLICATION

- American Tar Co., Chas. P. Price, Mgr., 169 Massachusetts Ave., Boston, Mass.
 American Tar Products Co., E. O. Rhodes, Chem. Dir., Union Trust Bldg., Pittsburgh, Pa.
 Barrett Co., R. V. Mahon, V. Pres., 40 Rector St., New York, N. Y.
 Berkheimer, J. E., Mfg. Co., J. A. Delaney, Sec., 2928 S. M. St., Tacoma, Wash.
 Cabot, Samuel (Inc.), M. G. Bennett, Treas., 141 Milk St., Boston, Mass.
 Crowley Tar Products Co., D. L. Crowley, Gen. Mgr., 415 Lexington Ave., New York, N. Y.
 Eclipse Paint & Color Co., C. P. Cox, sales Mgr., 105 N. 7th St., St. Louis, Mo.
 Goheen Corp. of N. J., N. F. Ludeau, Sec., 202 Emmet St., Newark, N. J.
 Jennison Wright Co., C. R. Faben, Mgr. tar Prod. Dept., 2463 Broadway, Toledo, Ohio.
- Lewis, F. J., Mfg. Co., E. F. Curda, V. Pres., 2500 S. Robey St., Chicago, Ill.
 Magnolia Petroleum Co., R. H. Stephens, V. Pres., Box 1667, Dallas, Tex.
 Miller & Graham, F. D. Graham, Mem. firm, 21 S. Gay St., Balto., Md.
 New Bedford Gas & Edison Light Co., R. Lindsay, Mgr. gas Dept., Purchase St., New Bedford, Mass.
 No-Leak Roofing & Paint Co., R. A. Buch, Pres., Beechwood Ave., Toledo, Ohio.
 Sherwin Williams Co., A. Larkins, Mgr. Gov. sales, 601 Canal Rd., Cleveland, Ohio.
 Tar Products Corp., M. D. Gill, V. Pres., 99 Empire St., Providence, R. I.
 Watson, H. F., Co., R. C. McClucathan, V. Pres., E. 16th St., Erie, Pa.
 Zophar Mills (Inc.), H. J. Blank, Pres., 587 Court St., Brooklyn, N. Y.

Spec. 280, REFINED TAR FOR HOT APPLICATION (TYPE TH-1-25)

- American Tar Co., C. P. Price, Mgr., 169 Massachusetts Ave., Boston, Mass.
 American Tar Products Co., E. O. Rhodes, Chem. Dir., Union Trust Bldg., Pittsburgh, Pa.
 Barrett Co., R. V. Mahon, V. Pres., 40 Rector St., New York, N. Y.
 Berkheimer, J. E., Mfg. Co., J. A. Delaney, Sec., 2928 S. M. St., Tacoma, Wash.
 Cabot, Samuel (Inc.), M. G. Bennett, Treas., 141 Milk St., Boston, Mass.
 Crowley Tar Products Co., D. L. Crowley, Gen. Mgr., 415 Lexington Ave., New York, N. Y.
 Jennison-Wright Co., C. R. Faben, Mgr., tar products Dept., 2463 Broadway, Toledo, Ohio.
 Lewis, F. J., Mfg. Co., E. F. Curda, V. Pres., 2500 S. Robey St., Chicago, Ill.
- Magnolia Petroleum Co., R. H. Stephens, V. Pres., Box 1667, Dallas, Tex.
 Miller & Graham, F. D. Graham, Mem. firm, 21 S. Gay St., Balto., Md.
 New Bedford Gas & Edison Light Co., R. Lindsay, Mgr. Gas Dept., Purchase St., New Bedford, Mass.
 Portland Gas & Coke Co., E. L. Hall, Gen. Supt., Portland, Oreg.
 Sherwin Williams Co., A. Larkins, Mgr. Gov. sales, 601 Canal Rd., Cleveland, Ohio.
 Tar Products Corp., B. D. Gill, V. Pres., 99 Empire St., Providence, R. I.
 Watson, H. F., Co., R. C. McClucathan, V. Pres., E. 16th St., Erie, Pa.

Spec. 281, TAR FOR USE IN REPAIR WORK

- American Tar Co., C. P. Price, Mgr., 169 Massachusetts Ave., Boston, Mass.
 American Tar Products Co., E. O. Rhodes, Chem. Dir., Union Trust Bldg., Pittsburgh, Pa.
 Barrett Co., R. V. Mahon, V. Pres., 40 Rector St., New York, N. Y.
 Berkheimer, J. E., Mfg. Co., J. A. Delaney, Sec., 2928 S. M. St. Tacoma, Wash.
- Cabot, Samuel (Inc.), M. G. Bennett, Treas., 141 Milk St., Boston, Mass.
 Crowley Tar Products Co., D. L. Crowley, Gen. Mgr., 415 Lexington Ave., New York, N. Y.
 Jennison-Wright Co., C. R. Faben, Mgr., tar Prod. Dept., 2463 Broadway, Toledo, Ohio.
 Lewis, F. J., Mfg. Co., E. F. Curda, V. Pres., 2500 S. Robey St., Chicago, Ill.

- Magnolia Petroleum Co., R. H. Stephens, V. Pres., Box 1667, Dallas, Tex.
 Miller & Graham, F. D. Graham, Mem. firm, 21 S. Gay St., Balto., Md.
 New Bedford Gas & Edison Light Co., R. Lindsay, Mgr. Gas Dept., Purchase St., New Bedford, Mass.
 Portland Gas & Coke Co., E. L. Hall, Gen. Supt., Portland, Oreg.
- Sherwin Williams Co., A. Larkins, Mgr. Gov. sales, 601 Canal Rd., Cleveland, Ohio.
 Tar Products Corp., B. D. Gill, V. Pres., 99 Empire St., Providence, R. I.
 Watson, H. F., Co., R. C. McClucathan, V. Pres., E. 16th St., Erie, Pa.
 Zophar Mills (Inc.), H. J. Blank, Pres., 587 Court St., Brooklyn, N. Y.

Spec. 282, REFINED TAR FOR CONSTRUCTION

- American Tar Co., C. P. Price, Mgr., 169 Massachusetts Ave., Boston, Mass.
 American Tar Products Co., E. O. Rhodes, Chem. Dir., Union Trust Bldg., Pittsburg, Pa.
 Barrett Co., R. V. Mahon, V. Pres., 40 Rector St., New York, N. Y.
 Berkheimer, J. E., Mfg. Co., J. A. Delaney, Sec., 2928 S. M St., Tacoma, Wash.
 Cabot, Samuel (Inc.), M. G. Bennett, Treas., 141 Milk St., Boston, Mass.
 Coopers Creek Chemical Co., R. J. Titzel, V. Pres., W. Conshohocken, Pa.
 Crowley Tar Products Co., D. L. Crowley, Gen. Mgr., 415 Lexington Ave., New York, N. Y.
 Jennison-Wright Co., C. R. Faben, Mgr., tar Prod. Dept., 2463 Broadway, Toledo, Ohio.
 Lewis, F. J., Mfg. Co., E. F. Curda, V. Pres., 2500 S. Robey St., Chicago, Ill.
- Magnolia Petroleum Co., R. H. Stephens, V. Pres., Box 1667, Dallas, Tex.
 Miller & Graham, F. D. Graham, Mem. firm, 21 S. Gay St., Baltimore, Md.
 New Bedford Gas & Edison Light Co., R. Lindsay, Mgr. gas Dept., Purchase St., New Bedford, Mass.
 Portland Gas & Coke Co., E. L. Hall, Gen. Supt., Portland, Oreg. (Grades TP—2—25, TP—4—25, and TP—6—25 only.)
 Sherwin Williams Co., A. Larkins, Mgr. Gov. sales, 601 Canal Rd., Cleveland, Ohio.
 Tar Products Corp., B. D. Gill, V. Pres., 99 Empire St., Providence, R. I.
 Watson, H. F., Co., R. C. McClucathan, V. Pres., E. 16th St., Erie, Pa.
 Zophar Mills (Inc.), H. J. Blank, Pres., 587 Court St., Brooklyn, N. Y.

Spec. 283, PUTTY

- American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La.
 Apex Color Works (Inc.), L. Liedeker, Sec., 50 W. Broadway, New York, N. Y.
 Arco Co., David Andrew, V. Pres., 730 Bessemer Ave., Cleveland, Ohio.
 Arnesto Paint Co. (Inc.), M. Arnstern, Pres., 548 W. 46th St., New York, N. Y.
 Benson Paint & Varnish Co., B. Y. Benson, Pres., Birmingham, Ala.
 Blue Ribbon Paint Co., G. W. Vogt, V. Pres., 232 Main St., Wheeling, W. Va.
 Born, L., L. Born, Prop., 51 W. Queen St., Hampton, Va.
 Bradford, James, Co., W. M. Francis, Pres., 212 Market St., Wilmington, Del.
 Briggs-Maroney Co. (Inc.), G. J. Beake, Sec., 85 Paris St., Everett, Mass.
 California Paint Co., M. S. Orrick, V. Pres., 1797 12th St., Oakland, Calif.
 Capitol Paint & Varnish Works (Inc.), H. J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y.
 Central Paint & Varnish Works, Bernard Barrick, Tech. Dir., 63 Prospect St., Brooklyn, N. Y.
 Chicago White Lead & Oil Co., Albert Engelsman, Asst. Sec., 1454 S. Western Ave., Chicago, Ill.
 Cook Paint & Varnish Co., V. H. Whitlam, V. Pres., Kansas City, Mo.
 Cooledge, F. J., & Sons (Inc.), Grier Martin, Sec., 12 N. Forsyth St., Atlanta, Ga.
 Crandall, E. V., Oil & Putty Mfg. Co., L. P. Koff, Sec., 1105 Metropolitan Ave., Brooklyn, N. Y.
 Davis, H. B., Co., H. B. Davis, Pres., Bayard & Severn Sts., Balto., Md.
 Davis Paint Co., L. A. Hawkinson, V. Pres., 14th & Iron Sts., N. Kansas City, Mo.
 Dean & Barry Co., George W. McKay, Treas., 296 N. Water St., Columbus, Ohio.
 DeSoto Paint & Varnish Co., E. R. Herbert, sales promotion Dir., Broadway & S. Sommerville Sts., Memphis, Tenn.
- Devoe & Raynolds Co. (Inc.), R. B. Ayer, Tech. Dir., 1 W. 47th St., New York, N. Y.
 Dolphin Paint & Varnish Co., Julius Blum, 2d V. Pres., Champlain & Locust Sts., Toledo, Ohio.
 Elkhart Enamel & Paint Corp., W. F. Steep, Gen. Mgr., Crawford St., Elkhart, Ind.
 Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
 Forman, Ford & Co., C. Clerihem, Pres., 111 Second St., S., Minneapolis, Minn.
 Fuller, W. P. & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
 Garland Co., L. J. Pfister, V. Pres., 3748 E. 91st St., Cleveland, Ohio.
 Hanline Bros., Leon Hanline, Mem. firm, 23 S. Howard St., Balto., Md.
 Hirshberg Paint Co., Morton M. Goldsmith, Sec., 106 W. Pratt St., Balto., Md.
 Hunt, J. W., J. W. Hunt, Prop., 1221 New York Ave., NW., Washington, D. C.
 Inland White Lead Co., C. Walton Aborn, Supt., 741 Boston Ave., Chicago, Ill.
 Johnson, Oliver & Co. (Inc.), Denison W. Greene, Treas., 18 Customs House St., Providence, R. I.
 Jones & Dillingham, H. L. Jones, Asst. Mgr., 713 First Ave., Spokane, Wash.
 Kohler-McLister Paint Co., F. McLister, Mgr., W. 13th & Osage Sts., Denver, Colo.
 Kuhls, H. B. Fred, G. H. Kuhls, Sec., 6413 3rd Ave., Brooklyn, N. Y.
 Lampton, Crane & Ramey Co., A. E. Warfield, V. Pres., in charge of sales, 1201 Story Ave., Louisville, Ky.
 Lawrence, W. W. & Co., C. D. Wettach, Pres., W. Carson St., Pittsburgh, Pa.
 Lincoln Paint & Color Co., H. H. McVicker, Asst. sales Mgr., 811 M St., Lincoln, Neb.
 Lord & Burnham Co., Burnham Bowden, 2d V. Pres., 2 Main St., Irvington on Hudson, N. Y.
 Louisville Paint Mfg. Co., L. First, Sec., 1112 W. Main St., Louisville, Ky.

- Lucas, John & Co. (Inc.), G. Johannes, Mgr., Ind. sales, 322 Race St., Phila., Pa.
- Lucas, John & Co. (Inc.), James R. Allen, Mgr. marine Dept., 521 Washington St., New York, N. Y.
- Mahoning Paint & Oil Co., B. Nichols, Sec., 653 Jones St., Youngstown, Ohio.
- Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig St., New Orleans, La.
- McMurtry Mfg. Co., Allan G. Barr, salesman, 1533 Arapahoe St., Denver, Colo.
- Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn.
- Mobile Paint Mfg. Co., B. S. Butler, Pres., Dauphin & Water Sts., Mobile, Ala.
- Moore, Benjamin, & Co., L. A. Diddle, Mgr., 4400 E. 71st St., Cleveland, Ohio.
- Moore, Benjamin, & Co., R. Moore, Mgr., 1600 S. Second St., St. Louis, Mo.
- Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
- Parr, Paint & Color Co., W. J. Parr, Pres., 18312 Syracuse Ave., Cleveland, Ohio.
- Patek Bros. (Inc.), W. Schwarz, V. Pres., 230 E. Water St., Milwaukee, Wis.
- Peaslee Gaulbert Paint & Varnish Co., H. Fitzpatrick, Asst. Mgr. trade sales, 223 N. 15th St., Louisville, Ky.
- Pecora Paint Co., S. B. Bowen, Pres., 3501 N. Fourth St., Phila., Pa.
- Phoenix Paint & Varnish Co., W. Gentry Hodgson, Sec., 124 Market St., Phila., Pa.
- Plastic Products Co., Russell S. Collins, Sec., 6475 Georgia Ave., Detroit, Mich.
- Pittsburgh Plate Glass Co., H. E. Reeve, Agt., 2 Chester Ave., Newark, N. J.
- Red Spot Paint & Varnish Co., H. B. Bausland, Treas., 110 Main St., Evansville, Ind.
- St. Paul White Lead & Oil Co., W. H. Sweeney, Treas., Water & Starkey Sts., St. Paul, Minn.
- Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va.
- Sargent-Gerke Co., W. H. Gerke, Pres., W. 15th & Big 4 R. R., Indianapolis, Ind.
- Sewall Paint & Varnish Co., A. C. Bale, V. Pres., 1009 W. 8th St., Kansas City, Mo.
- Sheldon, Albert K., Co., Albert K. Sheldon, Treas., 187 Broadway, Cambridge, Mass.
- Solastic Products Co. (Inc.), H. M. Rudd, Pres., 3018 Ninth Ave., S., Seattle, Wash.
- Spruance, Gilbert, Co., Gilbert Spruance, Pres., Richmond & Tioga Sts., Phila., Pa.
- Standard Paint & Lead Works (Inc.), A. C. Benstern, Treas., Willey Ave. on Big 4 R. R., Cleveland, Ohio.
- Steelcote Mfg. Co., George Elliott, Pres., 3418 Gratiot St., St. Louis, Mo.
- Sterling Paint Co., N. D. Bergeron, Gen. Mgr., 6460 Green St., Emeryville, Calif.
- Sterling Paint & Varnish Co., A. E. Cole, Pres., 170 Border St., East Boston, Mass.
- Suydam, M. B., Co., R. S. Suydam, Pres., Island & Preble Aves., Pittsburgh, Pa.
- Tibbetts, H. R., Paint Co., H. R. Tibbetts, V. Pres., 1624 E. 14th St., Los Angeles, Calif.
- Truscon Laboratories, J. J. Super, Asst. Gen. Mgr., Caniff Ave. & G. T. R. R., Detroit, Mich.
- Warren Paint & Color Co., R. A. Perry, V. Pres., 700 Wedgewood Ave., Nashville, Tenn.
- Western Paint & Varnish Co., John C. Gelvant, V. Pres., foot of Herman Ave., Duluth, Minn.
- Wetherill, Geo. D., & Co. (Inc.), S. D. Davis, Tech. Dir., 113 Arch St., Phila., Pa.
- White Co., J. Benesch, Asst. Sec., Loney's Lane & Biddle St., Balto., Md.
- Witte, John H., & Sons, William A. Witte, partner, Burlington, Iowa.
- Woche, H. M., & Son Co., T. J. Donaghay, V. Pres., 1219 N. 26th St., Phila., Pa.
- Woolsey, C. A., Paint & Color Co., H. Woolsey, Sec., 500 Grand St., Jersey City, N. J.
- Yarnall Paint Co., Geo. B. Beitzel, V. Pres., Grays Ave. West of 54th St., Phila., Pa.
- Yates & Co. (Inc.), C. M. Yates, jr., Pres., 754 Folsom St., San Francisco, Calif.

Spec. 287, TUBING, COPPER, SEAMLESS, AND PIPE, COPPER, SEAMLESS, STANDARD IRON PIPE SIZE

- American Brass Co., L. B. Comstock, Mgr. Torrington branch, 414 Meadow St., Waterbury, Conn.
- Badger, E. B., & Sons Co., H. W. Coombs, sales Mgr., 75 Pitts St., Boston, Mass.
- Baltimore Tube Co. (Inc.), R. S. Stringer, sales Mgr., Ostend & Wicomico Sts., Balto., Md.
- Bridgeport Brass Co., W. R. Webster, V. Pres., E. Main St., Bridgeport, Conn.
- British American Tube Co. (Inc.), W. Brown, Pres., 233 Broadway, New York, N. Y.
- Chase Cos. (Inc.), R. L. Coe, Sec., 236 Grand St., Waterbury, Conn.
- Detroit Copper & Brass Rolling Mills, Alex. Henderson, works Mgr., 174 S. Clark Ave., Detroit, Mich.
- Hillman, H. M., H. M. Hillman, Prop., 59 Pearl St., New York, N. Y.
- Interstate Brass & Copper Co., E. F. Snerbe, Sec., 13 N. Peoria St., Chicago, Ill.
- Jolley & Co., J. H., John Jolley, jr., Mem. firm, 42 N. 5th St., Phila., Pa.
- Mackenzie-Walton Co., J. M. Mackenzie, Treas., Pawtucket Ave., Pawtucket, R. I. (Tubing, copper, seamless, only.)
- Merchant & Evans Co., A. T. Armstrong, 2035 Washington Ave., Phila., Pa.
- Mueller Brass Co., F. L. Riggan, Sec., 1925 Lapeer Ave., Port Huron, Mich.
- National Copper & Smelting Co., H. B. Smith, Sec., 1895 Colman Rd., Cleveland, Ohio.
- National Valve & Mfg. Co., Lee Rodgers, V. Pres., 3101 Liberty Ave. Pittsburgh, Pa.
- Penn Brass & Copper Co., K. W. Wilks, Mgr., 1120 W. 18th St., Erie, Pa.
- Randolph-Clowes Co., H. I. Farnum, Sec., 384 Bank St., Waterbury, Conn.
- Rome Brass & Copper Co., W. S. Thomas, Asst. Treas., Bouck St., Rome, N. Y.
- Scovill Mfg. Co., H. W. Adams, jr., Asst. Gen. Mgr., 99 Mill St., Waterbury, Conn.
- Standard Underground Cable Co., Edward Kerschner, Southeastern Mgr., 703 Wilkins Bldg., Washington, D. C.
- Summerill Tubing Co., N. H. Wolf, Mgr., Bridgeport, Pa.
- United Wire & Supply Co., T. F. Hughes, Gen. Mgr., 1497 Elmwood Ave., Providence, R. I.
- Wheeler Condenser & Engineering Co., H. S. Brown, V. Pres., 149 Broadway, New York, N. Y.

Spec. 291, FRICTION TAPE

- Ackurate Rubber Co. (Inc.), W. C. Candee, Pres., 25 Beaver St., New York, N. Y.
 Boston Woven Hose & Rubber Co., P. G. Alexander, tape Div. sales Mgr., Box 5077, Boston, Mass.
 Commercial Electrical Supply Co., R. H. Geiser, Pur. Agt., 320 S. Broadway, St. Louis, Mo.
 Dryden Rubber Co., Geo. C. Reeves, V. Pres., 1014 S. Kildare Ave., Chicago, Ill.
 Elkhart Rubber Works, A. J. Stryker, Treas., Elkhart, Ind.
 Fine Rubber Co., I. L. Fine, Malden, Mass.
 Firestone Tire & Rubber Co., J. J. Shea, Treas., S. Main St., Akron, Ohio.
 Fleig Corp., H. Peterson, Asst. Sec., 325 W. Ohio St., Chicago, Ill.
 Graybar Electric Co. (Inc.), W. H. Leathers, Mgr. Govt. Dept., 100 E. 42nd St., New York, N. Y.
 Johns-Manville Corp., C. E. Horton, Asst. Treas., 292 Madison Ave., New York, N. Y.
 Mechanical Rubber Co., N. Huether, Mgr. sales, 1790 Broadway, New York, N. Y.
 Okonite Co., Lewis G. Martin, V. Pres., Canal St., Passaic, N. J.
 Plymouth Rubber Co. (Inc.), W. H. Bieringer, V. Pres., 19 Revere St., Canton, Mass.
 Salisbury & Co., W. H. (Inc.), T. R. Claffey, sales Mgr., 308 W. Madison St., Chicago, Ill.
 Superior Insulating Tape Co., J. S. Schweick, Gen. Mgr., 3046 Lambdin Ave., St. Louis, Mo.
 United States Rubber Co., S. A. Coombs, Asst. Mgr. Mech. sales, 1790 Broadway, New York, N. Y.
 Van Cleef Bros., Paul Van Cleef, Mem. firm, 7720 Woodlawn Ave., Chicago, Ill.
 Westinghouse Electric & Mfg. Co., T. D. Halliwell, Mgr. wiring devices Sec., East Pittsburgh, Pa.

Spec. 292, RUBBER INSULATING TAPE

- Ackurate Rubber Co. (Inc.), W. C. Candee, Pres., 25 Beaver St., New York, N. Y.
 Boston Woven Hose & Rubber Co., F. G. Alexander, Tape Div. sales Mgr., Box 5077, Boston, Mass.
 Commercial Electrical Supply Co., R. H. Geiser, Pur. Agt., 320 S. Broadway, St. Louis, Mo.
 Dunton, M. W., Co., E. L. Halligan, Mgr., 670 Eddy St., Providence, R. I.
 Fleig Corp., H. Peterson, Asst. Sec., 325 W. Ohio St., Chicago, Ill.
 Graybar Electric Co. (Inc.), W. H. Leathers, Mgr. Gov. Dept., 100 E. 42d St., New York, N. Y.
 Johns-Manville Corp., C. E. Horton, Asst. Treas., 292 Madison Ave., New York, N. Y.
 Mechanical Rubber Co., N. Huether, Mgr. sales, 1790 Broadway, New York, N. Y.
 Okonite Co., L. G. Martin, V. Pres., Canal St., Passaic, N. J.
 Plymouth Rubber Co. (Inc.), W. H. Bieringer, V. Pres., 19 Revere St., Canton, Mass.
 Salisbury, W. H., & Co. (Inc.), T. R. Claffey, sales Mgr., 308 W. Madison St., Chicago, Ill.
 Standard Underground Cable Co., E. Kerschner, southeastern Mgr., 703 Wilkins Bldg., Washington, D. C.
 Superior Insulating Tape Co., Julius S. Schweick, Gen. Mgr., 3046 Lambdin Ave., St. Louis, Mo.
 United States Rubber Co., L. A. Combs, Asst. Mgr. Mech. sales, 1790 Broadway, New York, N. Y.
 Van Cleef Bros., Paul Van Cleef, Mem. firm, 7720 Woodlawn Ave., Chicago, Ill.
 Westinghouse Electric & Mfg. Co., T. D. Halliwell, Mgr. wiring devices Sec., E. Pittsburgh, Pa.

Spec. 294, ASPHALT-SATURATED WOVEN COTTON FABRIC FOR WATERPROOFING

- Barber Asphalt Co., 1600 Arch St., Phila., Pa.
 Byerlyte Co., D. N. Myers, Gen. Mgr., 2484 West 4th St., Cleveland, Ohio.
 Johns-Manville Corp., C. E. Horton, Asst. Treas., 292 Madison Ave., New York, N. Y.
 Keystone Roofing Mfg. Co., York, Pa.
 Lehon Co., 44th & Oakley Ave., Chicago, Ill.
 Lewis Asphalt Engineering Corp., R. W. Lewis, Pres., 30 Church St., New York, N. Y.
 Mikesell Co., H. S. Mikesell, Pres., 1223 S. Wabash Ave., Chicago, Ill.
 Nelson, B. F., Mfg. Co., Carl E. Sager, Sec., 401 Main St., N. E., Minneapolis, Minn.
 Pioneer Paper Co., 55th & Alameda Sts., Los Angeles, Calif.
 Ruberoid Co., 96 Madison Ave., New York, N. Y.
 Safepack Mills, Millis, Mass.
 Sifo Products Co., 1120 East 7th St., St. Paul, Minn.
 Turnerised Roofing Co., F. L. Kinsman, V. Pres., Brewer Block, Ada, Ohio.

Spec. 295, ASPHALT-SATURATED RAG FELT FOR FLASHINGS

- American Asphalt Roof Corp., 15th St. & Blue River, Kansas City, Mo.
 Barber Asphalt Co., 1600 Arch St., Phila., Pa.
 Barrett Co., R. V. Mahon, V. Pres., 40 Rector St., New York, N. Y.
 Beckman-Dawson Roofing Co., 223 W. Jackson Blvd., Chicago, Ill.
 Berkheimer, J. E., Mfg. Co., J. A. Delaney, Sec., 2928 S. M. St., Tacoma, Wash.
 Bird & Son, 1472 W. 76th St., Chicago, Ill.
 Byerlyte Co., D. N. Myers, Gen. Mgr., 2484 W. 4th St., Cleveland, Ohio.
 Carey, Philip, Co., E. Puse, Sec., Lockland, Ohio.
 Chatfield Mfg. Co., 3d & Plum Sts., Cincinnati, Ohio.
 Continental Roofing & Mfg. Co., 16th St. & 2d Ave., Balto., Md.
 Flintkote Co., 122 Michigan Ave., Chicago, Ill.
 Ford Roofing Products Co., 529 S. Franklin St., Chicago, Ill.
 Garrett, C. S., & Son Corp., W. R. Cole, V. Pres., 20 S. Marshall St., Phila., Pa.
 Johns-Manville Corp., C. E. Horton, Asst. Treas., 292 Madison Ave., New York, N. Y.
 Lehon Co., 44th & Oakley Ave., Chicago, Ill.
 Lockport Paper Co., Lockport, N. Y.

- Logan-Long Co., 37 W. Van Buren St., Chicago, Ill.
 McHenry-Millhouse Mfg. Co., 1702 S. Franklin St., South Bend, Ind.
 Murray, Alexander, & Co. (Ltd.), Canada Cement Bldg., Montreal, Canada.
 National Roofing Co., Paul Bennett, sales Mgr., Tonawanda, N. Y.
 Nelson, B. F., Mfg. Co., Carl E. Sager, Sec., 401 Main St., N. E., Minneapolis, Minn.
 Pen Mar Co. (Inc.), E. H. Thompson, Gen. Mgr., 323 Munsey Building, Balto., Md.
 Pioneer Paper Co., 55th & Alameda Sts., Los Angeles, Calif.
 Ruberoid Co., 96 Madison Ave., New York, N. Y.
 Safepack Mills, Millis, Mass.
 Sall Mountain Co., 140 S. Dearborn St., Chicago, Ill.
 Sifo Products Co., 1120 E. 7th St., St. Paul, Minn.
 Watson, H. F., Co., E. 16th St., Erie, Pa.

Spec. 296, SLATE-SURFACED, ASPHALT PREPARED ROOFING AND SHINGLES

- Amalgamated Roofing Co., 431 S. Dearborn St., Chicago, Ill.
 American Asphalt Roof Corp., 15th & Blue River, Kansas City, Mo.
 Barber Asphalt Co., 1600 Arch St., Phila., Pa.
 Barrett Co., R. V. Mahon, V. Pres., 40 Rector St., New York, N. Y.
 Beaver Products Co., Beaver Rd., Buffalo, N. Y.
 Beckman-Dawson Roofing Co., 223 W. Jackson Blvd., Chicago, Ill.
 Bird & Son, 1472 W., 76th St., Chicago, Ill.
 Carey, Philip, Co., E. Puse, Sec., Lockland, Ohio.
 Certain-teed Products Corp., S. B. Walker, V. Pres., 100 E. 42d St., New York, N. Y.
 Chatfield Mfg. Co., 3d & Plum Sts., Cincinnati, Ohio.
 Continental Roofing & Mfg. Co., 16th St., & 2d Ave., Balto., Md.
 Flintkote Co., 122 Michigan Ave., Chicago, Ill.
 Ford Roofing Products Co., 529 S. Franklin St., Chicago, Ill.
 Garrett, C. S., & Son Corp., W. R. Cole, V. Pres., 20 S. Marshall St., Phila., Pa.
 Johns-Manville Corp., C. E. Horton, Asst. Treas., 292 Madison Ave., New York, N. Y.
 Keystone Roofing Mfg. Co., York, Pa.
 Lehon Co., 44th & Oakley Ave., Chicago, Ill.
 Lockport Paper Co., Lockport, N. Y.
 Logan-Long Co., 37 W. Van Buren St., Chicago, Ill.
 Mikesell Co., H. S. Mikesell, Pres., 1223 S. Wabash Ave., Chicago, Ill.
 McHenry Millhouse Mfg. Co., 1702 S. Franklin St., South Bend, Ind.
 Murray, Alexander, & Co. (Ltd.), Canada Cement Bldg., Montreal, Canada.
 National Asbestos Mfg. Co., C. S. Brooke, V. Pres., 163 Henderson St., Jersey City, N. J.
 National Roofing Co., 164 Fillmore Ave., Tonawanda, N. Y.
 Nelson, B. F., Mfg., Co., Carl E. Sager, Sec., 401 Main St., N. E., Minneapolis, Minn.
 Pen Mar Co. (Inc.), E. H. Thompson, Gen. Mgr., 323 Munsey Bldg., Balto., Md.
 Pioneer Paper Co., 55th & Alameda Sts., Los Angeles, Calif.
 Ruberoid Co., 96 Madison Ave., New York, N. Y.
 Safepack Mills, Millis, Mass.
 Sall Mountain Co., 140 S. Dearborn St., Chicago, Ill.
 Sifo Products Co., 1120 E. 7th St., Saint Paul, Minn.
 Usona Mfg. Co., West End Ill. Ave. & C. B. & I. Tracks, Aurora, Ill.
 Watson, H. F., Co., E. 16th St., Erie, Pa.
 Weaver-Henry Mfg. Co., 2440 E. 8th St., Los Angeles, Calif.
 Weaver Wall Co., 3700 Brookpark Road, Cleveland, Ohio.

Spec. 297, WIRE ROPE

- Ajax Rope Co. (Inc.), George Weiss, V. Pres., 95 Liberty St., New York, N. Y.
 American Cable Co. (Inc.), G. C. Moore, V. Pres., 105 Hudson St., New York, N. Y.
 American Steel & Wire Co., F. Baackes, V. Pres., 208 S. LaSalle St., Chicago, Ill.
 Durable Wire Rope Co., G. Abeel Hall, Treas., 93 Pearl St., Boston, Mass.
 Edwards, E. H., Co., A. M. Dodge, Sec., 225 Bush St., San Francisco, Calif.
 Fischer & Hayes Rope & Steel Co., A. C. Fischer, Pres., 816 W. Erie St., Chicago, Ill.
 Hazard Mfg. Co., Carl P. Brodhun, Ass't. sales Mgr., 81 E. Ross St., Wilkes-Barre, Pa.
 Leschen, A., & Sons Rope Co., W. C. Henning, Sec., 5909 Kennerly Ave., St. Louis, Mo.
 MacWhyte Co., J. S. Whyte, Sec., Racine Ave., Kenosha, Wis.
 Page Steel & Wire Co., L. S. Lankton, 929 Conn. Ave., Bridgeport, Conn.
 Roebbling's, John A., Sons Co., N. C. Harrison, Ass't. Gen. sales Agt., for wire rope, 612 S. Broad St., Trenton, N. J.
 Waterbury Co., J. C. Waterbury, Treas., 63 Park Row, New York, N. Y.
 Wickwire Spencer Steel Co. (Inc.), G. V. Park, Treas., 41 E. 42d St., New York, N. Y.
 Williamsport Wire Rope Co., Logan Cunningham, V. Pres., 174 Campbell St., Williamsport, Pa.
 Wire Products Corp., E. H. Verner, Pres., P. O. Box 1671, Pittsburgh, Pa.

Spec. 301, BROWN COTTON SHEETING

- Bancroft, Joseph, & Sons Co., of Pa., E. S. Jenckes, Pres., 9th & Cotton Sts., Reading, Pa.
 Belton Mills, Ellison A. Smyth, Pres., Belton, S. C.
 Bennett, Fred S. (Inc.), Fred S. Bennett, Pres., 93 Worth St., New York, N. Y.
 Bradford Textile Co., H. A. Chisholm, owner 31 Edinboro St., Boston, Mass.
 Catlin & Co. (Inc.), Charles C. Lee, V. Pres., 345 Broadway, New York, N. Y.
 Clifton Mfg. Co., J. C. Evins, Pres., Clifton, S. C.
 Consolidated Textile Corp., J. C. Saunders, Mgr., Bonham, Tex.
 Converse, D. E., Co., A. J. Dupre, Treas., Glendall, S. C.

- Cowpens Mills, H. W. Kirby, Pres., Cowpens, S. C.
 Deering Milliken & Co. (Inc.), W. E. Winchester, V. Pres., 79 Leonard St., New York, N. Y.
 Herring, M. Co., M. Herring, owner, 115 Franklin St., New York, N. Y.
 Hill Ingram Co., Hill Ingram Co., 50 Cliff St., New York, N. Y.
 Hurwitz, D., Sons, Hyman Hurwitz, Partner, 175 Greene St., New York, N. Y.
 La Fayette Cotton Mills, W. E. McKown, Treas., LaFayette, Ga.
 Mt. Vernon-Woodberry Mills (Inc.), J. W. Easter, Sec., 201 E. Baltimore St., Balto., Md.
 New Idea Mfg. Co. (Inc.), H. B. Ferguson, Pres., 8th & Spring Garden Sts., Phila., Pa.
 Parker, Wilder & Co., Wm. D. Judson, Mem. firm, 78 Leonard St., New York, N. Y. (Sole selling agents for Naumkeag Steam Cotton Co.)
 Peerless Cotton Mills, Julian T. Hightower, Asst. Treas., Thomaston, Ga. (Iselin-Jefferson Co., Ray Walker, Mgr. sheet & pillow case Dept., 328 Broadway, New York, N. Y., commission agents.)
 Penfield, A. H., & Co. (Inc.), A. H. Penfield, Pres., 320 Broadway, N. Y.
 Turner Halsey Co., H. E. Turner, V. Pres., 74 Leonard St., New York, N. Y.
 Wallace Mfg. Co. (Inc.), Wm. H. Beattie, V. Pres., Jonesville, S. C.
 Wellbrock, Moreland Textile Co., J. H. Moreland, V. Pres., 43 Leonard St., New York, N. Y.
 Woodward Baldwin Co., G. Brent Dorsey, Partner, 43 Worth St., New York, N. Y.

Spec. 302, WIDE BROWN COTTON SHEETINGS

- Balfour Mills (Inc.), Ellison A. Smyth, Pres., Hendersonville, N. C.
 Bancroft, Joseph, & Sons Co. of Pa., E. S. Jenckes, Pres., 9th & Cotton Sts., Reading, Pa.
 Bennett, Fred S. (Inc.), Fred S. Bennett, Pres., 93 Worth St., New York, N. Y.
 Bradford Textile Co., H. A. Chisholm, owner, 31 Edinboro St., Boston, Mass.
 Cannon Mills (Inc.), F. A. Williams, V. Pres., 70 Worth St., New York, N. Y.
 Catlin & Co. (Inc.), Charles C. Lee, V. Pres., 345 Broadway, New York, N. Y.
 Cowpens Mills, H. W. Kirby, Pres., Cowpens, S. C.
 Deering Milliken & Co. (Inc.), H. E. Winchester, V. Pres., 79 Leonard St., New York, N. Y.
 Herring, M. Co., M. Herring, owner, 115 Franklin St., New York, N. Y.
 Hill Ingram Co., Hill Ingram, Prop., 50 Cliff St., New York, N. Y.
 Lampport Mfg. Supply Co. (Inc.), Charles Cohen, Treas., 507 Broadway, New York, N. Y.
 Mt. Vernon-Woodberry Mills (Inc.), J. W. Easter, Sec., 201 E. Baltimore St., Balto., Md.
 Naumkeag Steam Cotton Co., Ernest N. Hood, Treas., 47 Congress St., Salem, Mass. (Parker, Wilder & Co., Wm. D. Judson, Mem. firm, sole selling agents, 78 Leonard St., New York, N. Y.)
 Pacific Mills, Walter L. Brewster, Mgr., marketing cotton Div., 24 Thomas St., New York, N. Y.
 Peerless Cotton Mills, Julian Hightower, Asst. Treas., Thomaston, Ga. (Iselin-Jefferson Co., Ray Walker, Mgr. sheet & pillow case Dept., 328 Broadway, New York, N. Y., commission agents.)
 Riverside & Dan River Cotton Mills (Inc.), H. R. Fitzgerald, Pres., Danville, Va.
 Turner, Halsey Co., H. E. Turner, V. Pres., 74 Leonard St., New York, N. Y.
 Wellbrock, Moreland Textile Co., J. H. Moreland, V. Pres., 43 Leonard St., New York, N. Y.

Spec. 303, WIDE BLEACHED COTTON SHEETINGS

- Bradford Textile Co., H. A. Chisholm, owner, 31 Edinboro St., Boston, Mass.
 Deering Milliken & Co. (Inc.), W. E. Winchester, V. Pres., 79 Leonard St., New York, N. Y.
 Herring, M. Co., M. Herring, owner, 115 Franklin St., New York, N. Y.
 Hill Ingram Co., Hill Ingram, Prop., 50 Cliff St., New York, N. Y.
 Hurwitz, D., & Sons, Hyman Hurwitz, partner, 175 Greene St., New York, N. Y.
 Lampport Mfg. Supply Co. (Inc.), Charles Cohen, Treas., 507 Broadway, New York, N. Y.
 Naumkeag Steam Cotton Co., Ernest N. Hood, Treas., 47 Congress St., Salem, Mass. (Parker, Wilder & Co., Wm. D. Judson, Mem. firm, 78 Leonard St., New York, N. Y., sole selling agents.)
 Pacific Mills, Walter H. Brewster, Mgr. marketing cotton Div., 24 Thomas St., New York, N. Y.
 Peerless Cotton Mills, Julian T. Hightower, Asst. Treas., Thomaston, Ga. (Iselin-Jefferson Co., Ray Walker, Mgr. sheet & pillow case Dept., 328 Broadway, New York, N. Y., commission agents.)
 Prince Lauten Corp., Alfred H. Merkel, Sec., 105 Worth St., New York, N. Y.
 Riverside & Dan River Cotton Mills (Inc.), H. R. Fitzgerald, Pres., Danville, Va.
 Wellbrock, Moreland Textile Co., J. H. Moreland, V. Pres., 43 Leonard St., New York, N. Y.

Spec. 304, BLEACHED COTTON SHEETS (MEDIUM AND HIGH-COUNT SHEETING)

- Bradford Textile Co., H. K. Chisholm, owner, 31 Edinboro St., Boston, Mass.
 Deering Milliken & Co. (Inc.), W. F. Winchester, V. Pres., 79 Leonard St., New York, N. Y.
 Herring, M. Co., M. Herring, owner, 115 Franklin St., New York, N. Y.
 Lampport Mfg. Supply Co. (Inc.), Charles Cohen, Treas., 507 Broadway, New York, N. Y.
 Naumkeag Steam Cotton Co., Ernest N. Hood, Treas., 47 Congress St., Salem, Mass. (Parker, Wilder & Co., Wm. D. Judson, Mem. of firm, sole selling agents), 78 Leonard St., New York, N. Y.
 Pacific Mills, Walter H. Brewster, Mgr., marketing cotton Div., 24 Thomas St., New York, N. Y.

Peerless Cotton Mills, Julian T. Hightower, Asst. Treas., Thomaston, Ga. (Iselin-Jefferson Co., Ray Walker, Mgr., sheet & pillow case Dept., 328 Broadway, New York, N. Y.), commission agents.
 Prince Lauten Corp., Alfred H. Merkel, Sec., 105 Worth St., New York, N. Y.

Riverside & Dan River Cotton Mills (Inc.), H. R. Fitzgerald, Pres., Danville, Va.
 Taylor, Clapp & Beall, Henry C. Taylor, Mem. firm, 109 Worth St., New York, N. Y. (Selling agents for Utica Steam & Mohawk Valley Cotton Mills.)
 Wellbrook, Moreland Textile Co., J. H. Moreland, V. Pres., 43 Leonard St., New York, N. Y.

Spec. 305, BLEACHED COTTON PILLOW CASES

Amifrench Mfg. Co. (Inc.), Chase Dodge, V. Pres., Division St., South River, N. J.
 Bradford Textile Co., H. A. Chisholm, owner, 31 Edinboro St., Boston, Mass.
 Deering Miliken & Co. (Inc.), H. R. Winchester, V. Pres., 79 Leonard St., New York, N. Y.
 Herring, M., Co., M. Herring, owner, 115 Franklin St., New York, N. Y.
 Naumkeag Steam Cotton Co., Ernest N. Hood, Treas., 47 Congress St., Salem, Mass. (Parker, Wilder & Co., Wm. D. Judson, Mem. firm, 78 Leonard St., New York, N. Y., sole selling agents.)
 Pacific Mills, Walter H. Brewster, Mgr., marketing cotton Div., 24 Thomas St., New York, N. Y.
 Peerless Cotton Mills, Julian T. Hightower, Asst. Treas., Thomaston, Ga. (Iselin-Jefferson Co., Ray Walker, Mgr., sheet & pillow case Dept., 328 Broadway, New York, N. Y., commission agents.)

Prince Lauten Corp., Alfred H. Merkel, Sec., 105 Worth St., New York, N. Y.
 Riverside & Dan River Cotton Mills (Inc.), H. R. Fitzgerald, Pres., Danville, Va.
 Roloson Mfg. Co. (Inc.), B. W. Dotson, V. Pres., 121 W. Water St., Lima, Ohio.
 Schulman Bros., R. Schulman, Prop., 69 Church St., Spring Valley, N. Y.
 Simons, Ernest, Mfg. Co., Joseph W. Simons, Pres., Port Chester, N. Y.
 Taylor, Clapp & Beall, Henry C. Taylor, Mem. firm, 109 Worth St., New York, N. Y. (Selling agents for Utica Steam & Mohawk Valley Cotton Mills.)

Spec. 311, RIGID CONDUIT, ENAMELED

American Circular Loom Co., F. C. Hodgkinson, V. Pres., 90 West St., New York, N. Y.
 Clifton Conduit Co. (Inc.), George L. Hathaway, Treas., 16 Hudson St., New York, N. Y.
 Enameled Metals Co., Peter McIlroy, V. Pres., 61 Bridge St., Etna, Pa.
 Garland Mfg. Co., Robert Garland, Pres., 1709 1st Nat. Bank Bldg., Pittsburgh, Pa.
 General Electric Co., D. W. Niven, Mgr., Federal & marine Dept., 1 River Rd., Schenectady, N. Y.

National Enameling & Mfg. Co., U. S. Armstrong, Pres., 710 Renshaw Bldg., Pittsburgh, Pa.
 National Metal Molding Co., G. J. Kim, Asst. sales Mgr., 1110 Fulton Bldg., Pittsburgh, Pa.
 Steelduct Co., J. H. Collins, Sec., Dallas Bank Bldg., Youngstown, Ohio.
 Youngstown Sheet & Tube Co., H. S. Coblenz, conduit sales Dept., Stambaugh Bldg., Youngstown, Ohio.

Spec. 312, RUBBER GLOVES FOR ELECTRICAL WORKERS (FOR USE IN CONNECTION WITH APPARATUS OR CIRCUITS NOT EXCEEDING 3,000 VOLTS TO GROUND)

Aetna Rubber Co., A. J. Huston, V. Pres., 815 E. 79th St., Cleveland, Ohio.
 American Optical Co., (F. A. Hardy & Co. division), C. A. Partenheimer, Mgr. Indus. Dept., 10 S. Wabash Ave., Chicago, Ill.
 Goodall Rubber Co., A. M. Twarty, V. Pres., 8th & Locust Sts., Phila., Pa.
 Goodyear Rubber Co., F. V. Stroming, Mgr. Mech. goods Div., 134 Duane St., New York, N. Y.
 Gross Wm. M., Co., W. M. Gross, Prop., Carver Bldg., Sharon, Pa.
 Hospital Supply & The Watters Laboratories, M. G. Watters, 157 E. 23rd St., New York, N. Y.

Industrial Products Co., E. Fred Shipman, Pres., 1001 Chestnut St., Phila., Pa.
 Salisbury, W. H., & Co. (Inc.), T. R. Claffey, sales Mgr., 308 W. Madison St., Chicago, Ill.
 Seamless Rubber Co. (Inc.), H. W. Gordon, Sec., 252 Hallock Ave., New Haven, Conn.
 Snyder, M. L., & Son, Herbert A. Greene, Mem. firm, 223 Church St., Phila., Pa.
 Standard Safety Equipment Co., Lawrence E. Dickson, Sec., 410 N. Michigan Ave., Chicago, Ill.
 United States Rubber Co., H. B. Hubbard, Gen. sales Asst., 1790 Broadway, New York, N. Y.
 Wilson Rubber Co., K. P. Herbruck, Asst. Gen. Mgr., 1216 Garfield Ave., S. W., Canton, Ohio.

Spec. 314, RAILROAD TRACK SCALES

Buffalo Scale Co. (Inc.), T. L. Richmond, Pres., 1200 Niagara St., Buffalo, N. Y.
 Fairbanks, E. & T., Co., A. E. Asheroft, Mgr., St. Johnsbury, Vt.
 Fairbanks, Morse & Co., F. V. Roy, Mgr. scale Div., 900 S. Wabash Ave., Chicago, Ill.
 Howe Scale Co., C. B. Hinsman, Pres., Rutland, Vt.
 Standard Scale & Supply Corp., R. H. Chappel, Sec., 1631 Liberty Ave., Pittsburgh, Pa.

Strait Scale Co., A. B. Jacobus, Pres., Shawnee, Adams & Baird Sts., Packers Sta., Kansas City, Kan.
 Winslow Government Standard Scale Works, (Inc.), M. H. Winslow, Pres., 25th St. & Haythorn Ave., Terre Haute, Ind.

Spec. 319, 100 PER CENT RAG BOND PAPER, WHITE

(Now being revised.)

Spec. 320, 50 PER CENT RAG BOND PAPER, WHITE AND COLORED

(Now being revised.)

Spec. 321, 100 PER CENT RAG LEDGER PAPER, WHITE

(Now being revised.)

Spec. 322, 75 PER CENT RAG LEDGER PAPER, WHITE AND COLORED

(Now being revised.)

Spec. 323, 100 PER CENT RAG MANIFOLD PAPER, WHITE AND COLORED

(Now being revised.)

Spec. 324, LITHOGRAPH-FINISH MAP PAPER

(Now being revised.)

Spec. 325, 50 PER CENT RAG LITHOGRAPH-FINISH MAP PAPER

(Now being revised.)

Spec. 326, 75 PER CENT RAG LITHOGRAPH-FINISH MAP PAPER

(Now being revised.)

Spec. 327, BLOTTING PAPER, WHITE AND COLORED

(Now being revised.)

Spec. 328, SULPHITE BOND PAPER, WHITE AND COLORED

(Now being revised.)

Spec. 329, SULPHITE WRITING PAPER, WHITE AND COLORED

(Now being revised.)

Spec. 330, 100 PER CENT RAG HEAVY LEDGER PAPER, WHITE

(Now being revised.)

Spec. 331a, PAPER, MANIFOLD, 50 PER CENT RAG, WHITE AND COLORED, GLAZED

(Now being revised.)

Spec. 332, WHISK BROOMS

Alabama Broom & Mattress Co., R. H. Canterbury, Gen. Mgr., P. O. Box 156, Huntsville, Ala.	Capitol Broom Co., S. Eckstein, V. Pres., 2 Jeffer- son St., Trenton, N. J.
American Broom & Brush Co., H. Howard, Treas., 27 Walnut St., Amsterdam, N. Y.	Central Broom Co., C. C. Carson, Pres., Water & Marshall Sts., Jefferson City, Mo.
American Broom Products Co., L. C. Seville, Sec., McAlester, Okla.	Cook, Chas., & Son, Margaret M. Palmer, book- keeper, 40 Russell St., Hadley, Mass.
Amsterdam Broom Co., B. Wasserman, Sec., 41 Brookside Ave., Amsterdam, N. Y.	Council Bluffs Broom Co., J. A. Pelton, Mgr., 2903 2d Ave., Council Bluffs, Iowa.
Appleton Broom Mfg. Co., J. I. Cohen, owner, 925 N. Meade St., Appleton, Wis.	Davenport Broom Co., E. A. Taylor, Pres., 2049 N. 5th St., Davenport, Iowa.
Atlantic Southwestern Broom Co., F. C. Vollmer, Sec., 2d & Toone Sts., Balto., Md.	Dearborn Mfg. Co., J. C. Singleton, Pres., 550 W. Harrison St., Chicago, Ill.
Blandon Broom Works, B. W. Ziegler, Sec., Blandon, Pa.	Deshler Broom Factory, H. C. Struve, Gen. Mgr., Deshler, Nebr.
Brooklyn Broom Works, J. Solomon, Prop., 495 Flushing Ave., Brooklyn, N. Y.	Dobbertin Broom Corp., F. B. Messiner, Sec., 336 Averill Ave., Rochester, N. Y.

- Eagle Broom Works, J. T. Keane, owner, 373 S. Hewitt St., Los Angeles, Calif.
 Evans & Liddle (Inc.), W. H. Folger, Pres., Lockport, N. Y.
 Gardner Broom Co., W. A. Gardner, Mem. firm, 64 Church St., Amsterdam, N. Y.
 Goeller's, M. G., Sons, J. C. Goeller, jr., Partner, 544 Clinton St., Circleville, Ohio.
 Golden City Broom Works, C. L. Howard, owner, Golden City, Mo.
 Hamburg Broom Works, H. E. Seaver, Treas., Hamburg, Pa.
 Hare, Chas., Chas. Hare, 116 Mt. Clare Alley, Balto., Md.
 Imperial Broom Works, C. Strum, Prop., 1401 W. Austin Ave., Chicago, Ill.
 India Brush & Mat Co., W. B. Scott, Mgr., -273 Dubois St., Detroit, Mich.
 Ingle Bros. Broomcorn Grain & Supply Co., G. J. Mos, Sec., 17th & Charlotte Sts., N. Kansas City, Mo.
 Kendallville Broom & Brush Co., W. S. Lang, Pres., Kendallville, Ind.
 Koenig Broom Mfg. Co. (Inc.), W. Koenig, Pres., 919 Brooklyn St., St. Louis, Mo.
 Kuh Bros., P. Kuh, Partner, 209 N. Dakota Ave., Sioux Falls, S. Dak.
 Lasting Broom & Mop Mfg. Co., A. G. Nimroth, Prop., 9th Ave. & Md. St., Evansville, Ind.
 Lee Broom Co., Lynn Lloyd, V. Pres., 21st & Y Sts., Lincoln, Nebr.
 Leonard Brush and Woodenware Co., W. T. Adams, Pres., 901 W. Main St., Louisville, Ky.
 Manhattan Broom Co., O. Halperyn, Prop., 439 E. 104th St., New York, N. Y.
 Merkle Broom Co., J. L. Merkle, Treas., 101 West End Ave., Paris, Ill.
 Miller Broom Co., A. L. Miller, Prop., 1824 West Ave., S., La Crosse, Wis.
 Mississippi Valley Mfg. Co., W. M. Tinsley, Canton, Mo.
 National Broom Mfg. Co., D. Arbaugh, Pres., 230 S. Santa Fe St., Pueblo, Colo.
 Page Broom Co., J. Ross, Mgr., 40 Alford St., Charlestown, Mass.
 Paris Broom Co. (Inc.), C. E. Cooper, Pres., 215 E. Court St., Paris, Ill.
 Pioneer Broom Co. (Inc.), E. D. Blood, Sec., Pine & W. Main Sts., Amsterdam, N. Y.
 Progressive Broom Mfg. Co., F. Koenig, Prop., 918 La Beaume St., St. Louis, Mo.
 Red Hill Broom Works, I. Richard, Prop., Red Hill, Pa.
 Royal Broom Co., H. G. Senner, Mgr., 1411 Center St., Tacoma, Wash.
 Royal Broom Factory, G. A. Smith, Prop., 1056 Annunciation, New Orleans, La.
 Saint Paul Broom Mfg. Co. (Inc.), W. Auerbacher, Pres., 916 Fauquier St., St. Paul, Minn.
 San Francisco Association for the Blind, Ruth A. Quinan, Gen. Mgr., 1097 Howard St., San Francisco, Calif.
 Scoville, M. G., Sons Co., F. L. Scoville, Pres., 2441 Grant Ave., Ogden, Utah.
 Sider, S. W., Broom Works, S. W. Sider, Prop., Wheatland Ave., Logansport, Ind.
 Southwestern Broom Mfg. Co., J. R. Kuhlman, Treas., 701 9th Ave., Evansville, Ind.
 Standard Broom Co., P. H. Price, Pres., Pacific & Bath Sts., Phila., Pa.
 Standard Broom & Brush Co., G. S. Schwartz, owner, Portland, Ind.
 Union Novelty Mfg. Co., J. Leventon, Mem. firm, 250 N. Front St., Phila., Pa.
 United States Chemical Co., V. W. Mider, Gen. Mgr., Greenville, Ohio.
 Urbana Broom Co., W. R. Wilson, Mgr., P. O. Box 336, Urbana, Ohio.
 Zachry Mfg. Co., W. H. Zachry, Mgr., Greenwood Ave. & So. Ry., Atlanta, Ga.

Spec. 333a, BROOM, CORN

- Alabama Broom & Mattress Co., R. H. Canterbury, Gen. Mgr., Box 156, Huntsville, Ala.
 American Broom & Brush Co., H. Howard, Treas., 21 Walnut St., Amsterdam, N. Y.
 American Broom Products Co., L. C. Seville, Sec., McAlester, Okla.
 Amsterdam Broom Co., B. Wasserman, Sec., 41 Brookside Ave., Amsterdam, N. Y.
 Atlantic Southwestern Broom Co., F. C. Vollmer, Sec., 2d & Tonne Sts., Balto., Md.
 Augusta Broom Works, H. Sancken, Prop., 1010 Fenwick St., Augusta, Ga.
 Baltimore Broom Works, F. C. Vollmer, Mgr., 1300 S. 2d St., Balto., Md.
 Beach Broom Co., H. A. Bowman, owner, P. O. Box 267, Huntington Beach, Calif.
 Blandon Broom Works, B. W. Ziegler, Sec., Blandon, Pa.
 Board of Industrial Aid for the Blind, C. D. Chadwick, Exec. Sec., 536 W. 30th St., Indianapolis, Ind.
 Brooklyn Broom Works, J. Solomon, Prop., 495 Flushing Ave., Brooklyn, N. Y.
 Capitol Broom Co., S. Eckstein, V. Pres., 2 Jefferson St., Trenton, N. J.
 Cook, Chas., & Son, Margaret M. Palmer, book-keeper, 40 Russell St., Hadley, Mass.
 Council Bluffs Broom Co., J. A. Pelton, Mgr., 2903 2d Ave., Council Bluffs, Iowa.
 Davenport Broom Co., E. A. Taylor, Pres., 2049 W. 5th St., Davenport, Iowa.
 Day, C., Broom Co., C. N. Libo, owner, East Alley, Millersburg, Pa.
 Dearborn Mfg. Co., J. C. Singleton, Pres., 550 W. Harrison St., Chicago, Ill.
 Deshler Broom Factory, H. C. Struve, Gen. Mgr., Deshler, Neb.
 Eagle Broom Works, J. T. Keane, owner, 371 S. Hewitt St., Los Angeles, Calif.
 Evans & Liddle (Inc.), W. H. Folger, Pres., Lockport, N. Y.
 Gardner Broom Co., W. H. Gardner, Mem. firm, Church St., Amsterdam, N. Y.
 Goeller's, M. G. Sons Co., J. C. Goeller, jr., Sec., 544 Clinton St., Circleville, Ohio.
 Golden City Broom Works, C. L. Howard, owner, Golden City, Mo.
 Hamburg Broom Works, H. E. Seaver, Treas., Pine St., Hamburg, Pa.
 Hare, Charles, Charles Hare, owner, 116 Mt. Clare Alley, Balto., Md.
 Harrah & Stewart Broom Mfg. Co., J. B. Gray, Pres., 514 E. Court Ave., Des Moines, Iowa.

- Holyoke Broom Co., E. R. Young, Mem. firm, 106 Front St., Holyoke, Mass.
 Imperial Broom Works, M. Rattner, bookkeeper, 1401 W. Austin Ave., Chicago, Ill.
 Industrial Home for the Blind, P. J. Solmon, Bus. Mgr., 520 Gates Ave., Brooklyn, N. Y.
 Ingle Bros. Broomcorn Grain & Supply Co., C. N. Ingle, V. Pres., 17th & Charlotte Sts., N. Kansas City, Mo.
 Kendallville Broom & Brush Co., W. S. Lang, Pres., Kendallville, Ind.
 Koenig Broom Mfg. Co. (Inc.), W. Koenig, Pres., 919 Brooklyn St., St. Louis, Mo.
 Lay, Joseph, Co., Frank Harker, Sec., Portland, Ind.
 Lee Broom Co., Lynn Lloyd, V. Pres., 21st & Y Sts., Lincoln, Nebr.
 Leonard Brush & Woodenware Co., W. T. Adams, Pres., 901 W. Main St., Louisville, Ky.
 Lomax Industrial Corp., S. F. Tannus, Pres., Factory District, Lomax, Ill.
 Manhattan Broom Co., O. Halperyn, Prop., 439 E. 104th St., New York, N. Y.
 Merkle Broom Co., J. L. Merkle, Treas., 101 West End Ave., Paris, Ill.
 Midwest Broom Mfg. Co., J. C. Goeller, jr., Partner, 544 Clinton St., Circleville, Ohio.
 Miller Broom Co., A. L. Miller, Prop., 1824 West Ave., S., La Crosse, Wis.
 Mississippi Valley Mfg. Co., W. M. Tinley, Pres., Canton, Mo.
 National Broom Mfg. Co., D. Arbaugh, Pres., 230 S. Santa Fe St., Pueblo, Colo.
 New York Association for the Blind, Riewey McLunry, Bus. Mgr., 111 E. 59th St., New York, N. Y.
 Page Broom Co., John Ross, Asst. Mgr., 40 Alford St., Charlestown, Mass.
 Pauken, John, Broom Co., John Pauken, Pres., 311 Cass St., Maumee, Ohio.
 Pennsylvania Working Home for Blind Men, J. H. Meader, Supt., 3518 Lancaster Ave., Phila., Pa.
 Pioneer Broom Co. (Inc.), E. D. Blood, Sec., Pine & W. Main Sts., Amsterdam, N. Y.
 Progress Duster Co., J. Bobinsky, owner, 1102 S. California Ave., Chicago, Ill.
 Progressive Broom Mfg. Co., F. Koenig, Prop., 918 La Beaume St., St. Louis, Mo.
 Reading Broom Works, W. I. Hess, Gen. Mgr., P. O. Box 754, W. Reading, Pa.
 Red Hill Broom Works, I. Richard, Prop., Red Hill, Pa.
 Round Rock Broom Co., O. L. Brady, Mgr., Round Rock, Tex.
 Royal Broom Co., H. G. Senner, Mgr., 1411 Center St., Tacoma, Wash.
 Saint Paul Broom Mfg. Co. (Inc.), Wm. Auerbacher, Pres., 916 Fauquier, St. Paul, Minn.
 San Francisco Association for the Blind, Ruth A. Quinan, Gen. Mgr., 1097 Howard St., San Francisco, Calif.
 Schweitzer, J. P., Co., F. W. Neubecker, Sec., 8400 Madison Ave., Cleveland, Ohio.
 Sider, S. W., Broom Works, S. W. Sider, Prop., Wheatland Ave., Logansport, Ind.
 Southwestern Broom Mfg. Co., J. R. Kuhlman, Treas., 701 9th Ave., Evansville, Ind.
 Southwestern Broom & Warehouse Co., A. H. Rosenberger, V. Pres., 15th & Santa Fe Sts., Wichita, Kans.
 Standard Broom & Brush Co., G. S. Schwartz, Owner, Portland, Ind.
 Standard Broom Co., P. H. Price, Pres., Pacific & Bath Sts., Phila., Pa.
 Steiert, A., & Son, R. Wangner, Gen. Mgr., Front & Reed Sts., Phila., Pa.
 Stratton Broom Co., A. H. Stratton, Sec., 1556 Deloss St., Indianapolis, Ind.
 Union Novelty Mfg. Co., J. Leventon, Mem. firm, 250 N. Front St., Phila., Pa.
 United States Chemical Co., V. W. Mider, Gen. Mgr., Greenville, Ohio.
 Urbana Broom Co., W. R. Wilson, Mgr., P. O. Box 336, Urbana, Ohio.
 Zachry Mfg. Co., W. H. Zachry, Mgr., Greenwood Ave. & So. Ry., Atlanta, Ga.

Spec. 334a, FIRE CLAY

- Acme Brick Co., J. E. Fender, V. Pres., Will P. Anderson Bldg., Ft. Worth, Tex.
 Alberhill Coal & Clay Co., Chas. J. Biddle, V. Pres., 732 Western Pacific Bldg., Los Angeles, Calif.
 Ashland Fire Brick Co., E. M. Weinfurter, Sec., Ashland, Ky.
 Brooklyn Fire Brick Works, M. J. Kelly, V. Pres., 88 Van Dyke St., Brooklyn, N. Y.
 Dee, Wm. E., Co., Henry F. Krieg, Mgr. Refractories Div., 30 N. La Salle St., Chicago, Ill.
 Denver Fire Clay Co., Harold Bosworth, Pres., 1742 Champa St., Denver, Colo.
 Diamond Fire Brick Co., H. F. Bowen, Treas., Canon City, Colo.
 Dickey, W. S., Clay Mfg. Co., W. A. Dickey, Mgr., 604 Mission St., San Francisco, Calif.
 Dixie Brick & Tile Co., O. A. Harker, jr., Pres., Puryear, Tenn.
 Evens & Howard Fire Brick Co., R. M. Sievers, V. Pres., 920 Market St., St. Louis, Mo.
 Garfield Fire Clay Co., P. A. Robinson, Sec., Robinson, Pa.
 Garrison Brick & Tile Co., C. H. Coleman, Pres., Athens, Tex.
 General Refractories Co., E. A. McKelvy, V. Pres., 106 S. 16th St., Phila., Pa.
 Gladding, McBean & Co., H. B. Power, Sec., 621 S. Hope St., Los Angeles, Calif.
 Golden Fire Brick Co., Paul Brown, Sec., 1936 15th St., Denver, Colo.
 Green, A. P., Fire Brick Co., J. Harrison Brown, Sec., Mexico, Mo.
 Harbison-Walker Refractories Co., Kenneth Seaver, Gen. sales Mgr., 1800 Farmers Bank Bldg., Pittsburgh, Pa.
 Illinois Kaolin Co., J. C. Boyd, Pres., Anna National Bank Bldg., Anna, Ill.
 Ironton Fire Brick Co., C. E. Bales, Production Mgr., Ironton, Ohio.
 Jersey City Refractories Co., A. E. Acheson, Pres., 135 W. Side Ave., Jersey City, N. J.
 Laclede Christy Clay Products Co., John McKelvey, V. Pres., 1711 Ambassador Bldg., St. Louis, Mo.
 Mitchell Clay Mfg. Co., C. W. Berry, sales Mgr., 5627 Manchester Ave., St. Louis, Mo.
 Niles Fire Brick Co., P. J. Sheehan, in charge of operations, E. Park Ave., Niles, Ohio.
 Oak Hill Fire Brick & Coal Co., D. W. Morgan, Gen. Mgr., Oak Hill, Ohio.
 Ostrander Fire Brick Co., J. W. F. Podmore, Treas., Woodbridge, N. J.
 Portsmouth Refractories Co., W. B. Hitchcock, V. Pres., 2700 Gallia St., Portsmouth, Ohio.
 Queen's Run Refractories Co. (Inc.), Geo. H. Diack, Gen. Mgr., W. Water St., Lock Haven, Pa.

- Refracto Clay Products Co., Wm. N. Durbin, Pres., 1038 Main St., Anderson, Ind.
- St. Louis Fire Brick Co., Louis J. Porri, sales Mgr., Boyle & Slausson Ave., Huntington Park, Calif.
- Savage Mountain Fire Brick Co., V. L. Walleth, Sec., Mount Union, Pa.
- Sayre & Fisher Brick Co., F. M. Tomley, Sec., Sayersville, N. J.
- Sneyd Enameled Brick Co., C. T. Clarke, Sec., New York Ave. & Penn St., Trenton, N. J.
- Thornton Fire Brick Co., D. R. Potter, Gen. Mgr., 910 Gaff Bldg., Clarksburg, W. Va.
- United States Refractories Corp., V. L. Walleth, Sec., Mount Union, Pa.
- Vitrefrac Corporation, Ralph W. Brown, Treas., 5050 Pacific Blvd., Los Angeles, Calif.
- Washington Brick Lime & Sewer Pipe Co., V. E. Piolet, V. Pres., S. 151 Washington St., Spokane, Wash.
- Westmoreland Brick Co., Jno. C. Leitch, V. Pres., Federal Reserve Bldg., Pittsburgh, Pa.

Spec. 335a, PLASTIC FIRE-CLAY REFRACTORIES

- Big Savage Fire Brick Co., D. A. Benson, V. Pres., Frostburg, Md.
- Brooklyn Fire Brick Works, M. J. Kelly, V. Pres., 88 Van Dyke St., Brooklyn, N. Y.
- Cambridge Pliable Brick Co., H. G. Atkinson, Sec., 824 Wheeling Ave., Cambridge, Ohio.
- Carolina Refractories Co., J. B. Ginert, Pres., P. O. Box 146, Hartsville, S. C.
- Dee, Wm. E., Co., Henry F. Krieg, Mgr. refractories Div., 30 N. La Salle St., Chicago, Ill.
- DeGraw-Stowe & Co., S. T. Stowe, Pres., 857 Leader Bldg., Cleveland, Ohio.
- Denver Fire Clay Co., Harold Bosworth, Pres., 1742 Champa St., Denver, Colo.
- Diamond Fire Brick Co., H. F. Bowen, Treas., Canon City, Colo.
- Drake Non-Clinkering Furnace Block Co., S. M. Finn, V. Pres., 5 Beekman St., New York, N. Y.
- Excelsior Ball Clay Co., A. W. Koch, Pres., 31 E. 13th St., Cincinnati, Ohio.
- Furnace Lining Materials Co., F. L. Page, Pres., 53 W. Jackson Blvd., Chicago, Ill.
- Garfield Fire Clay Co., P. A. Robinson, Sec., Robinson, Pa.
- Gravert, Wm. J. (Inc.), Wm. J. Gravert, Pres., 39 Davis St., Long Island City, N. Y.
- Green, A. P., Fire Brick Co., J. Harrison Brown, Sec., Mexico, Mo.
- Ironton Fire Brick Co., C. E. Bales, production Mgr., Ironton, Ohio.
- Jersey City Refractories Co., A. E. Acheson, Pres., 135 W. Side Ave., Jersey City, N. J.
- Johns-Manville Corp., J. Newman, Asst. Treas., 292 Madison Ave., New York, N. Y.
- King Refractories Co. (Inc.), T. W. Bennett, Mgr., 1715 Niagara St., Buffalo, N. Y.
- Laclede Christy Clay Products Co., John H. McKelvey, V. Pres., 1711 Ambassador Bldg., St. Louis, Mo.
- McNutt, Lewis (Inc.), D. T. Bowlus, V. Pres., Brazil, Ind.
- Mitchell Clay Mfg. Co., C. W. Berry, sales Mgr., 5627 Manchester Ave., St. Louis, Mo.
- National Fire Roofing Co., R. A. Shipley, Asst. Prod. Mgr., Fulton Bldg., Pittsburgh, Pa.
- Oak Hill Fire Brick & Coal Co., D. W. Morgan, Gen. Mgr., Oak Hill, Ohio.
- Obermayer, S., Co., Randore Kauffman, Pres., 2563 W. 18th St., Chicago, Ill.
- Ostrander Fire Brick Co., J. W. F. Podmore, Treas., Woodbridge, N. J.
- Pitts & Kitts Mfg. & Supply Co., P. R. Hughes, Pres., 91 Seventh Ave., New York, N. Y.
- Plibrico Jointless Firebrick Co., Wm. A. Schaefer, Sec., 1840 Kingsbury St., Chicago, Ill.
- Portsmouth Refractories Co., W. B. Hitchcock, Gen. Mgr., 2700 Gallia St., P. O. Box 1004, Portsmouth, Ohio.
- Queen's Run Refractories Co. (Inc.), Geo. H. Diack, Gen. Mgr., W. Water St., Lock Haven, Pa.
- Savage Mountain Fire Brick Co., V. L. Walleth, Sec., Mount Union, Pa.
- Sneyd Enamel Brick Co., C. T. Clarke, Sec., New York Ave. & Penn St., Trenton, N. J.
- Thornton Fire Brick Co., D. R. Potter, Gen. Mgr., 910 Goff Bldg., Clarksburg, W. Va.
- Vitrefrac Corp., Ralph W. Brown, Treas., 5050 Pacific Blvd., Los Angeles, Calif.
- Washington Brick Lime & Sewer Pipe Co., V. E. Piolet, V. Pres., S. 151 Washington St., Spokane, Wash.
- Westmoreland Brick Co., Jno. C. Leitch, V. Pres., Federal Reserve Bldg., Pittsburgh, Pa.

Spec. 336, BUILDERS HARDWARE

- Berbecker & Rowland Mfg. Co., F. L. Porter, Sec., Waterville, Conn.
- Bommer Spring Hinge Co., Gustav Bommer, Gen. Mgr., 263 Classon Ave., Brooklyn, N. Y.
- Brunner & Co., Wm. F. Brunner, 460 W. Broadway, New York, N. Y.
- Champion Hardware Co., Nelsant Hasenflure, Sec., Geneva, Ohio.
- Chicago Spring Hinge Co., Wm. J. Keene, Pres., 1500 Carroll Ave., Chicago, Ill.
- Clinton Lock Co., Earl F. Mayer, Sec., 801 N. 4th St. L, Clinton, Iowa.
- Dent Hardware Co., H. C. Dent, V. Pres., Fullerton, Pa.
- Eagle Lock Co., H. B. Plumb, Pres., Terryville, Conn.
- Elco Tool & Screw Corp., Paul G. Swanson, Treas., 1800 14th Ave., Rockford, Ill.
- Frantz Mfg. Co., J. W. Wentsel, Sec., Sterling, Ill.
- Garden City Plating Mfg. Co., George B. Kintzon, Pres., Ogden Blvd. & Talman Ave., Chicago, Ill.
- Getty, H. S., & Co. (Inc.), S. H. Schumacher, Sec., 1015 W. Thayer St., Phila., Pa.
- Griffin Mfg. Co., James C. Griffin, Pres., Cherry & Huron Sts., Erie, Pa.
- Hager, C., & Sons Mfg. Co., Richard G. Hager, Sec., 2451 DeKalb St., St. Louis, Mo.
- Ives, H. B., Co., L. A. Hunniston, sales Mgr., 5 Artizan St., New Haven, Conn.
- Keidel, Henry & Co. (Inc.), George E. Eddy, V. Pres., 405 W. Redwood St., Balto., Md.
- Lockwood Mfg. Co., George H. Lockwood, Supt., South Norwalk, Conn.
- McKinney Mfg. Co., J. P. McKinney, V. Pres. of sales, Metropolitan & Liverpool Sts., Pittsburgh, Pa.
- Milwaukee Stamping Co., L. F. Geraghty, V. Pres., West Allis, Milwaukee, Wis.
- Monarch Mfg. Co., James Whitty, Mgr., 2525 Hart Ave., Detroit, Mich.
- National Lock Co., G. W. Aldeen, V. Pres., 18th Ave. & 7th St., Rockford, Ill.

Norton Door Closer Co., Walter B. Dodge, Pres., 2900 N. Western Ave., Chicago, Ill.
 Norwalk Lock Co., M. R. McCausland, Pres., Marshall St., South Norwalk, Conn.
 Penn Hardware Co., Wm. A. Heizmann, Treas., foot of Spruce St., Reading, Pa.
 Reading Hardware Co., John T. Lawlor, V. Pres., 626 S. 6th St., Reading, Pa.
 Russell & Erwin Mfg. Co., I. Black, sales Mgr., Washington St., New Britain, Conn.
 Schlage Lock Co., J. B. Ruegg, Pres., Bay Shore & San Bruno Ave., San Francisco, Calif.

Schroder, J. B., Co., L. J. Frohmiller, Pres., 1117 Vine St., Cincinnati, Ohio.
 Segal Lock & Hardware Co. (Inc.), Louis Segal, Sec., 159 Leonard St., New York, N. Y.
 Shelby Metal Products Co., J. C. Fish, sales Mgr., Shelby, Ohio.
 Stanley Works, P. F. King, Asst. Sec., 195 Lake St., New Britain, Conn.
 Way Works (Inc.), J. Harold Way, Treas., 2052 Ludlow St., Phila., Pa.
 Western Hardware Corp., W. P. Collins, Pres., 217 Tehama St., San Francisco, Calif.

Spec. 342a, PIPE, BRASS, SEAMLESS, IRON PIPE SIZE, STANDARD AND EXTRA STRONG

American Brass Co., L. B. Comstock, Mgr., Torrington Br., 414 Meadow St., Waterbury, Conn.
 Baltimore Tube Co. (Inc.), R. F. Stringer, sales Mgr., Ostend & Wicomico Sts., Balto., Md.
 Bridgeport Brass Co., W. R. Webster, V. Pres., 774 E. Main St., Bridgeport, Conn.
 Chase Companies (Inc.), Robert L. Coe, Sec., 236 Grand St., Waterbury, Conn.
 Detroit Copper & Brass Rolling Mills, Alex Henderson, works Mgr., 174 S. Clark Ave., Detroit, Mich.
 Hillman, H. M., H. M. Hillman, Prop., 59 Pearl St., New York, N. Y.
 McKenna-Horix Mfg. Co., Theo. J. O'Dowd, Mgr. brass Dept., 100 Wood St., Pittsburgh, Pa.

Merchant & Evans Co., A. T. Armstrong, 2035 Washington Ave., Phila., Pa.
 Mueller Brass Co., F. L. Riggan, Sec., Port Huron, Mich. (Grade C only.)
 Randolph-Clowes Co., H. I. Farnum, Sec., 384 Bank St., Waterbury, Conn.
 Rome Brass & Copper Co., W. S. Thomas, Asst. Treas., Rome, N. Y.
 Walworth Co., H. K. West, Asst. Mgr., 241 Arch St., Phila., Pa.
 Wheeler Condenser & Engineering Co., Harry S. Brown, V. Pres., 149 Broadway, New York, N. Y.

Spec. 343a, CAST-IRON SOIL PIPE AND FITTINGS, COATED AND UNCOATED

Abendroth Bros., W. J. Hammett, Mgr. of sales, pipe & fittings, Highland St., Port Chester, N. Y.
 Alabama Pipe Co., E. S. Babbitt, sales, 20th St. & McCoy Ave., Anniston, Ala.
 Casey-Hedges Co., James R. Hedges, Mgr. sales, Chattanooga, Tenn.
 Central Foundry Co., B. A. Schutz, V. Pres., 420 Lexington Ave., New York, N. Y.
 Fleck Bros. Co., John F. Fleck, V. Pres., 50 N. 5th St., Phila., Pa.
 Haines, Jones & Cadbury Co., Deems W. Hallman, Asst. Fdry Supt., P. O. Box 1524, Phila., Pa.
 Hajoca Corp., W. A. Brecht, Pres., 120 S. 30th St., Phila., Pa.

Hammond Iron Co., P. H. Neal, Sec., P. O. Box 831, Birmingham, Ala.
 Hedges-Walsh-Weidner Co., J. R. Hedges, V. Pres., 26th & N. C. & St. L. Rwy., Chattanooga, Tenn.
 Reading Foundry & Supply Co., E. Raston, Treas., 522 Chestnut St., Reading, Pa.
 Rudisill Soil Pipe Co., H. B. Rudisill, Pres., P. O. Box 137, Anniston, Ala.
 Somerville Iron Works, W. J. Kirby, Sec., Somerville, N. J.
 Weiskittel, A., & Son Co., Henry C. Weiskittel, Pres., 4500 E. Lombard St., Balto., Md.
 Wetter Pipe Co., Henry Wetter, Pres., N. 12th St., Gadsden, Ala.

Spec. 344, CHEESECLOTH REMNANTS FOR WIPING PURPOSES

Acme Sanitary Wiper & Waste Co., Wm. F. Schmitz, Sec., partner, 481—31st St., Milwaukee, Wis.
 Belsky, Charles, & Co. (Inc.), Henry F. Thorpe, sales Mgr., 651 Main St., Holyoke, Mass.
 Berman, P. H., & Son, Benj. Berman, Mem. firm, 3425 Market St., Phila., Pa.
 Border City Mfg. Co., Chas. F. Winslow, Bkpr, Weaver St., Fall River, Mass.
 Corr, Patrick, & Sons (Inc.), Leon Corr, V. Pres., Trenton Ave., Oakdale & Tucker Sts., Phila., Pa.
 Ferer, Aaron, & Sons (Inc.), Samuel Ferer, 2000 N. Main St., St. Louis, Mo.
 Fort Pitt Sponge & Chamois Co., Chas. Cohen, Pres., Clark Bldg., Pittsburgh, Pa.
 General Fiber Co., Nathan Gumbin, Treas., Union & Lumber Sts., Chicago, Ill.
 Globe Cotton Mills, P. H. Goldberg, Pres., 2131 S. Loomis St., Chicago, Ill.
 Griswoldville Mfg. Co., Richard L. Moyle, V. Pres., 56 Worth St., New York, N. Y.
 Hagy, J. Milton, Waste Works, J. Milton Hagy, Pres., 836 S. Swanson St., Phila., Pa.
 Hill Ingram Co., Hill Ingram, owner, 50 Cliff St., New York, N. Y.
 Hurwitz, D., Sons, Hyman Hurwitz, partner, 175 Greene St., New York, N. Y.

Katzenstein, M., & Son, James E. Katzenstein, owner, 3 Johnson Ave., Brooklyn, N. Y.
 Mathes, G., Co., J. Mathes, Pres., 3100 N. Broadway, St. Louis, Mo.
 Meagher's, James, Sons, Joseph Meagher, jr., sec., 270 Napoleon St., San Francisco, Calif.
 Mystic Waste Co. (Inc.) John E. Higgins, V. Pres., 1899 Parkway, Everett, Mass.
 National Wiping Material Co., B. L. Galawb, Mgr., 819 S. Caroline St., Baltimore, Md.
 Robinson, D., & Son, Charles Robinson, Mem. firm, 1342 Harper Ave., Detroit, Mich.
 Royal Mfg. Co., F. A. Maier, Sec., 30 E. Grand St., Rahway, N. J.
 Star Sanitary Rag Co., Chas. F. Neilson, jr., 2235 Ford Ave., Chicago, Ill.
 Steinberg, M., & Son (Inc.), Adolph Steinberg, Sec., 163 Mercer St., New York, N. Y.
 United States Wiping Material Co., Jerome Lipowitz, partner, 314 S. Main St., St. Louis, Mo.
 Wisconsin Textile By-Products Co., A. Locke, Pres., 1801 Calument Drive, Sheboygan, Wis.
 Wisconsin Waste & Wiper Co., S. A. Sherman, V. Pres., 709 Windlake Ave., Milwaukee, Wis.

Spec. 347, LAPWELDED AND SEAMLESS STEEL BOILER TUBES

- Allegheny Steel Co., Paul Voight, jr., Gen. sales Mgr., Brackenridge, Pa.
 Babcock & Wilcox Tube Co., H. H. Murray, Supt., P. O. Box 537, Beaver Falls, Pa.
 Boiler Tube Co. of America, Marcus Boyd, Pres., 1227 Park Bldg., Pittsburgh, Pa.
 Calorizing Co., B. J. Sayles, Pres., Hill & Pitt Sts., Wilkesburg, Pa.
 Delaware Seamless Tube Co., S. B. Vernon, Treas., Auburn, Pa.
 Detroit Seamless Steel Tubes Co., C. H. Hobbs, Pres., Grand River Sta., Detroit, Mich.
 Giberson, E. D., & Co. (Inc.), H. Wanderman, Sec., 40 Rector St., New York, N. Y.
 Globe Steel Tube Co., F. J. O'Brien, Pres., 1345 Burnham St., Milwaukee, Wis. (Seamless steel boiler tubes only.)
 Greene-Wolf Co. (Inc.), D. Greene, Pres., 30 Church St., New York, N. Y.
 Harris Steel & Tube Co., Harry Harris, Prop., 3184 Archer Ave., Chicago, Ill.
 Johnson Peter Co., G. A. Duden, Gen. Mgr., 120 44th St., Brooklyn, N. Y.
 Larkin, J. K., & Co. (Inc.), Wm. C. Hays, V. Pres., 253 Broadway, New York, N. Y.
 Ohio Seamless Tube Co., C. H. Wood, V. Pres., 132 W. Main St., Shelby, Ohio. (Seamless steel boiler tubes only.)
 Pittsburgh Steel Products Co., R. Harris, Gen. sales Mgr., 700 Union Trust Bldg., Pittsburgh, Pa. (Seamless steel boiler tubes only.)
 Spang, Chalfant & Co. (Inc.), C. F. Cruciger, Gen. Mgr. of sales, 4th Ave. & Wood St., Pittsburgh, Pa.
 Standard Seamless Tube Co., W. E. Motham, Asst. Sec., 313 Sixth Ave., Pittsburgh, Pa.

Spec. 349, LAPWELDED CHARCOAL IRON BOILER TUBES

- Baily, R. M., Co., R. M. Baily, owner, Commercial Trust Bldg., Phila., Pa.
 Bethlehem Steel Corp., Edward S. Knisley, Gen. sales Agt., E. 3d St., Bethlehem, Pa.
 Johnson Peter Co., G. A. Duden, Gen. Mgr., 120 44th St., Brooklyn, N. Y.
 Larkin, J. K., & Co. (Inc.), Wm. C. Hays, V. Pres., 253 Broadway, New York, N. Y.
 Monongahela Tube Co., Hugh H. Davis, Pres., 321 Third Ave., Pittsburgh, Pa.
 Parkesburg Iron Co., Geo. Thomas, 3d, Treas., First Ave., Parkesburg, Pa.
 Reading Iron Co., H. Mattern, sales Mgr., Baer Bldg., Reading, Pa.
 Tyler Tube & Pipe Co., E. Tyler Davis, Sec., Jefferson Ave., Washington, Pa.

Spec. 362, LIQUID MEASURING DEVICES, RETAIL TYPE

- American Oil Pump & Tank Co., S. F. Kemper, Pres., Findley & Dalton Sts., Cincinnati, Ohio.
 Associated Supply Co., W. S. Brubaker, Mgr. meter Dept., 79 New Montgomery St., San Francisco, Calif.
 Boyle-Dayton Co., F. E. Dayton, V. Pres., 5190 Santa Fe Ave., Los Angeles, Calif.
 Buffalo Meter Co., Robert S. Bassett, Treas., 2917 Main St., Buffalo, N. Y.
 Columbian Steel Tank Co., W. M. Gadberry, Ch. estimator, 1509 W. 12th St., Kansas City, Mo.
 Correct Measure Co., John B. Foster, Pres., Railroad St., Rochester, Pa.
 Farr Hydraulic Systems (Inc.), Fred G. Farr, Pres., 111 Broadway, New York, N. Y.
 Fleckenstein Visible Gasometer Co., R. L. Edison, Sec., 328 Bond Ave., Grand Rapids, Mich.
 Guarantee Liquid Measure Co., E. L. Ham, Asst. to Pres., P. O. Box 236, Rochester, Pa.
 Joy Mfg. Co. (Inc.), M. W. Joy, Pres., 545 Pico Ave., Long Beach, Calif.
 Julian Pump & Mfg. Co., D. W. McCarthy, jr., sales Mgr., Lakewood Rd. & Howard Ave., Jamestown, N. Y.
 National Meter Co., W. E. FitzSimons, Mech. Engr., 299 Broadway, New York, N. Y.
 National Recording Pump Co., J. P. Hanna, V. Pres., 520 Kiser St., Dayton, Ohio.
 Oil Products Appliance Co., A. E. Davenport, Pres., 1315 S. 3d Ave., Maywood, Ill.
 Pittsburgh Meter Co., T. C. Clifford, Sales Mgr., 7800 Susquehanna St., Pittsburgh, Pa.
 Poole Engineering & Machine Co., S. P. Brady, Pres., Woodberry, Balto., Md.
 Rhodes, Jay B., Co., L. G. Slater, Sec., 145 E. Kalamazoo Ave., Kalamazoo, Mich.
 St. Louis Pump & Equipment Co., C. C. Fredericks, Pres., 3701 Forest Park Blvd., St. Louis, Mo.
 Tokheim Oil Tank & Pump Co., L. N. Geise, Sec., 1600 Wabash Ave., Fort Wayne, Ind.
 Wayne Tank & Pump Co., M. R. Barnhouse, sales Dept., Canal St., Fort Wayne, Ind.
 Western Oil Pump & Tank Co., H. J. Wichman, Pres., 2437 Kosciusko St., St. Louis, Mo.

Spec. 363, BURGLAR RESISTING SAFES

- Mosler Safe Co., J. G. Donaldson, V. Pres., Hamilton, Ohio.
 Remington & Sherman Co., John Jay Brooks, V. Pres., 1545 N. Delaware Ave., Phila., Pa.
 Schwab Safe Co., P. E. Pyle, V. Pres., La Fayette, Ind.

Spec. 367b, WINDOW SHADES, ROLLERS SLATS, CORDS, AND ACCESSORIES

- Allen Shade Holder Co. (Inc.), Ella, M. Allen, Treas., 111 Rutherford Ave., Boston (Charlestown) Mass.
- American Shade Roller Co., Edward F. O'Reilly, Sec., 57th St., & 1st Ave., Brooklyn, N. Y.
- Atlas Window Shade Co., Alexander Stern, Prop., 191 E. 117th St., New York, N. Y.
- Baker, H. B., & Co., Harry B. Baker, Prop., 24 Sudbury St., Boston, Mass.
- Boyer-Bushnell Co., A. G. Mickel, Treas., 108 N. Clinton St., Chicago, Ill.
- Breneman, Chas. W., Co., C. L. Knepper, Mgr., 6th & Jefferson Sts., Camden, N. J.
- Bronx Window Shade & Awning Co. (Inc.), M. P. Hays, Sec., 372 E. 162d St., New York, N. Y.
- Brooklyn Window Shade Co., Alex. Fuchs, Mgr., 261 Livingston St., Brooklyn, N. Y.
- California Shade Cloth Co., H. P. Hansen, Sec., 1710 San Bruno Ave., San Francisco, Calif.
- Capital Awning Co., Wm. E. Russell, Prop., 1503 N. Capitol St., Washington, D. C.
- Columbia Mills (Inc.), E. Robert Raab, Gen. sales Mgr., 225 Fifth Ave., New York, N. Y.
- Connecticut Textiles (Inc.), F. B. Burns, Pres., 180 Madison Ave., New York, N. Y.
- Copeland Co., Arthur Copeland, Pres., 1331 14th St., NW., Washington, D. C.
- Crown Shade & Screen Co., Jos. E. Johnson, sales Mgr., 44 Sudbury St., Boston, Mass.
- Detroit Canvas Co., Lester E. Jaqua, Pres., 166 Jefferson Ave., E. Detroit, Mich.
- Dutton, Andrew, Co., Walter F. Colby, Asst. Mgr., 60 Canal St., Boston, Mass.
- F & K Shade Co., Jacob Frendenheim, 22 Strawberry St., Phila., Pa.
- Hamilton, G. H., Mfg. Co., G. H. Hamilton, Treas., 5th St. & 7th Ave., Beaver Falls, Pa.
- Hulme, J. W., Co. (Inc.), Edmund Jasmin, V. Pres., 60 W. 4th St., St. Paul, Minn.
- Illinois Shade Cloth Corp., R. N. Booth, V. Pres., Chicago Heights, Ill.
- Interstate Shade Cloth Co., J. F. Goehren, Asst. Treas., 812 Jefferson St., Hoboken, N. J.
- Kloes, F. J. (Inc.), F. J. Kloes, Pres., 269 Canal St., New York, N. Y.
- McMaster & Murfin Co., W. R. Murfin, Treas., 1215 Race St., Phila., Pa.
- Midwest Window Shade Co., Otto J. Drees, Pres., 2616 Shenandoah Ave., St. Louis, Mo.
- Pabst & Co., Chas. A. Pabst, Pres., 22d St. & Allegheny Ave., Phila., Pa.
- Rasch & Gainor, C. S. Wolf, Mem. firm, 21 S. Hanover St., Balto., Md.
- Rolason Mfg. Co. (Inc.), B. U. Dotson, V. Pres., 121 W. Water St., Lima, Ohio.
- St. Paul Tent & Awning Co., C. U. Weikert, V. Pres., 296 E. 6th St., St. Paul, Minn.
- Volker, William & Co., William Volker, Pres., 230 Main St., Kansas City, Mo.
- Western Shade Cloth Co., M. Jackson, Treas., 22d & Jefferson Sts., Chicago, Ill.
- Wimmer, C. I., & Co., J. J. Wimmer, Sec., 741 Malvern Ave., Columbus, Ohio.

Spec. 375, FLAKE ORANGE SHELLAC

- Anderson, John R., & Co., J. R. Anderson, 207 Pearl St., New York, N. Y. (Sole selling agent for Ralli Bros.)
- Bradford, James, Co., W. M. Francis, Pres., 212 Market, Wilmington, Del.
- Bradshaw-Praeger & Co., R. Y. Bradshaw, Pres., 3248 W. 47th Pl., Chicago, Ill.
- Capitol Paint & Varnish Works (Inc.), Henry D. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y.
- Carleton & Moffat, Guy O. Carleton, partner, 91 Wall St., New York, N. Y.
- Cook Paint & Varnish Co., V. H. Whitelam, V. Pres., Kansas City, Mo.
- Dean & Barry Co., Geo. A. McKay, Treas., 296 N. Water St., Columbus, Ohio.
- Dolan, V. J., & Co., Vincent J. Dolan, Pres., 1832 N. Laramie Ave., Chicago, Ill.
- Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
- Franchise, C. E., C. E. Franche, owner, 440 Orleans St., Chicago, Ill.
- Fuller, W. P., & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
- Haeuser Co., A. R., W. Schonzalli, Pres., 163 William St., New York, N. Y.
- Hunt, J. W., J. W. Hunt, Prop., 1221 New York Ave., NW., Washington, D. C.
- Kasebier-Chatfield Shellac Co., H. S. Chatfield, V. Pres., 101 Maiden Lane, New York, N. Y.
- Liebich Co., G. J., Harry E. Donner, Sec., 166 W. Kinzie St., Chicago, Ill.
- Lineks, Geo. H., Geo. H. Lineks, Prop., 123 Front St., New York, N. Y.
- Lucas, John, & Co. (Inc.), James R. Allen, Mgr. marine Dept., 521 Washington St., New York, N. Y.
- McMurtry Mfg. Co., Allan G. Barr, salesman, 1533 Arapahoe St., Denver, Colo.
- Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balto., Md.
- Mobile Paint Mfg. Co., B. S. Butler, Pres., Dauphin & Water Sts., Mobile, Ala.
- Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
- Red Spot Paint & Varnish Co., Harry B. Bausland, Treas., 110 Main St., Evansville, Ind.
- Rogers Pyatt Shellac Co., L. Gillespie Erskine, Treas., 81 Water St., New York, N. Y.
- Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va.
- Scientific Production Corp., Philip G. Strong, V. Pres., 3852 Grand Cent. Terminal, New York, N. Y.
- Standard Paint & Lead Works (Inc.), A. C. Benstern, Treas., Willey Ave. on Big Four R. R., Cleveland, Ohio.
- Stille & Co., E. T., E. T. Stille, Pres., 2343 Greenview Ave., Chicago, Ill.
- Wetherill & Co. (Inc.), Geo. D., S. D. Davis, Tech. Dir., 113 Arch St., Phila., Pa.
- Woodfinishing Products Co., James A. Ledwith, Copartner, 434 Barrette St., New York, N. Y.
- Yates & Co. (Inc.), C. M. Yates, jr., Pres., 754 Folsom St., San Francisco, Calif.

Spec. 376, VARNISH, SHELLAC

- American Shellac Co. (Inc.), H. A. Solomon, Pres., 89 Hancock St., Long Island City, N. Y.
- Arlington Paint & Varnish Co., Alfred B. Stellwagon, Mgr., 1329 Harrison Ave., SW., Canton, Ohio.
- Athey Paint Co., C. M., C. M. Athey, Pres., 500 S. Hanover St., Balto., Md.
- Baltimore Paint & Color Works (Inc.), Morris Shuger, Pres., 148 S. Calverton Rd., Balto., Md.
- Bigelow Varnish Co., James W. Crelin, Asst. Sec., 87 Oliver St., Newark, N. J.
- Bradford, James, Co., W. M. Francis, Pres., 212 Market, Wilmington, Del.
- Bradshaw-Praeger & Co., R. Y. Bradshaw, Pres., 3248 W. 47th Place, Chicago, Ill.
- California Paint Co., W. S. Orrick, V. Pres., 1797 12th St., Oakland, Calif.
- Capitol Paint & Varnish Works (Inc.), Henry J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y.
- Central Paint & Varnish Works, Bernard Barrich, Tech. Dir., 63 Prospect St., Brooklyn, N. Y.
- Certain-teed Products Corp., Dntro C. Cole, V. Pres., 100 E. 42d St., New York, N. Y.
- Cook Paint & Varnish Co., V. H. Whitelam, V. Pres., Kansas City, Mo.
- Coolidge, F. J., & Sons (Inc.), Grier Martin, Sec., 12 N. Forsyth St., Atlanta, Ga.
- Dolan & Co., V. J., Vincent J. Dolan, Pres., 1832 N. Laramie Ave., Chicago, Ill.
- Eagle Paint & Varnish Works (Inc.), H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y.
- Elmendorf Varnish Co., A. J. Safstrom, Pres., 841 Larrabee St., Chicago, Ill.
- Farboil Paint Co., M. D. Swartz, owner, Eastern Ave. & 11th St., Balto., Md.
- Felton-Sibley & Co. (Inc.), A. D. Graf, sales. Mgr., 136 N. 4th St., Phila., Pa.
- Franché, C. E., & Co., C. E. Franche, owner, 440 Orleans St., Chicago, Ill.
- Fuller, W. P., & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
- Garland Co., L. J. Pfister, V. Pres., 3748 E. 91st St., Cleveland, Ohio.
- Glidden Co., M. G. Williams, V. Pres., Madison Ave. & Berea Rd., Cleveland, Ohio.
- Gould & Cutler Corp., Donald G. Miller, V. Pres., 45 Sudbury St., Boston, Mass.
- Haeuser Co., A. R., W. Schonzalli, Pres., 163 William St., New York, N. Y.
- Hanline Bros., Leon S. Hanline, Mem. firm, 23 S. Howard St., Balto., Md.
- Hunt, J. W., J. W. Hunt, Prop., 1221 New York Ave., NW., Washington, D. C.
- Impervious Paint & Varnish Co., J. E. Peofe, Prop., 161 E. Allen St., Phila., Pa.
- Indianapolis Varnish Co., Emil Ebner, Pres., 147 N. Pine St., Indianapolis, Ind.
- Johnson, Oliver, & Co. (Inc.), Denison W. Greene, Treas., 18 Custom House St., Providence, R. I.
- Jones & Dillingham, H. L. Jones, Asst. Mgr., 713 1st Ave., Spokane, Wash.
- Kasebier-Chatfield Shellac Co., H. S. Chatfield, V. Pres., 101 Maiden Lane, New York, N. Y.
- King Varnish Co., Albert Engelsman, Asst. Sec., 1436 S. Western Ave., Chicago, Ill.
- Kohler-McLister Paint Co., Frank McLister, Mgr. W. 13th & Osage Sts., Denver, Colo.
- Lampton, Crane & Raney Co., A. E. Warfield, V. Pres. in charge of sales, 1201 Story Ave., Louisville, Ky.
- Lawrence, W. W., & Co., C. D. Wettach, Pres., W. Carson St., Pittsburgh, Pa.
- Liebich, G. J., Co., Harry E. Donner, Sec., 166 W. Kinzie St., Chicago, Ill.
- Lion Varnish Co., Herbert G. Bailey, Pres., Cooper Ave. & Proctor St., Glendale, Brooklyn, N. Y.
- Louisville Paint Mfg. Co., L. E. First, Sec., 1112 W. Main St., Louisville, Ky.
- Lucas, John, & Co. (Inc.), James R. Allen, Mgr. marine Dept. 521 Washington St., New York, N. Y.
- Lucas, John, & Co. (Inc.), G. Johannes, Mgr. Ind. sales, 322 Race St., Phila., Pa.
- Mantrose Corp., S. O. Ford, V. Pres., 136 41st St., Brooklyn, N. Y.
- Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig St., New Orleans, La.
- Mathews Paint Co. (Inc.), J. H. Kelleher, Sec., 219 S. Los Angeles St., Los Angeles, Calif.
- McMurtry Mfg. Co., Allan G. Barr, salesman, 1533 Arapahoe St., Denver, Colo.
- Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balto., Md.
- Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn.
- Mobile Paint Mfg. Co., B. S. Butler, Pres., Dauphin & Water Sts., Mobile, Ala.
- Moore, Benjamin, & Co., Richard Moore, Dir., 16 S. 2d St., St. Louis, Mo.
- Mutual Paint Mfg. Co., W. C. Schmitt, Mgr., 826 S. 18th St., St. Louis, Mo.
- Newark Varnish Works, H. E. Clopper, Pres., 221 McWhorter St., Newark, N. J.
- North Star Varnish Co., G. D. Hough, Pres., 608 Vandalia, St. Paul, Minn.
- Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
- Palmer-Price Co., Robert A. Luz, Treas., McWhorter & Chestnut Sts., Newark, N. J.
- Paraffine Cos. (Inc.), E. R. DeGraf, Mgr. paint Dept., 475 Brannan St., San Francisco, Calif.
- Parr Paint & Color Co., W. S. Parr, Pres., 18312 Syracuse Ave., Cleveland, Ohio.
- Peaslee-Gaulbert Paint & Varnish Co., H. G. Fitzpatrick, Asst. Mgr. trade sales, 223 N. 15th St., Louisville, Ky.
- Phoenix Paint & Varnish Co., W. Gentry Hodgson, Sec., 124 Market St., Phila., Pa.
- Pittsburgh Plate Glass Co., H. E. Reeve, Agt., 2 Chester Ave., Newark, N. J.
- Red Spot Paint & Varnish Co., Henry B. Bausland, Treas., 110 Main St., Evansville, Ind.
- Reliable Leather Dressing Co., Nathan Sraka, Prop., 43 Crescent St., Long Island City, N. Y.
- Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va.
- Sargent-Gerke Co., W. H. Gerke, Pres., W. 15th & Big 4 R. R., Indianapolis, Ind.
- Scientific Production Corp., Philip G. Strong, V. Pres., 3852 Grand Cent. Terminal, New York, N. Y.
- Sewall Paint & Varnish Co., A. C. Bale, V. Pres., 1009 W. 8th, Kansas City, Mo.
- Sheldon, Albert K., Co., Albert K. Sheldon, Pres., 187 Broadway, Cambridge, Mass.
- Spruance, Gilbert, Co., Gilbert Spruance, Pres., Richmond & Tioga Sts., Phila., Pa.
- Standard Paint & Lead Works (Inc.), A. C. Benstern, Treas., Willey Ave. on Big Four R. R., Cleveland, Ohio.

- Sterling Paint & Varnish Co., A. E. Cole, Pres., 170 Border St., East Boston, Mass.
 Stewart Paint Mfg. Co., E. W. Stewart, Pres., 1729 2d St. N., Minneapolis, Minn.
 Stille & Co., E. T. Stille, Pres., 2343 Greenview Ave., Chicago, Ill.
 Thompson & Co., John L. Crowley, Supt., 857 W. North Ave., Pittsburgh, Pa.
 Thornton, L. M., Mfg. Co., L. M. Thornton, Pres., 2825 E. 18th St., Kansas City, Mo.
 Thresher Varnish Co., J. A. Pfanner, Sec., 1100 E. Monument Ave., Ext., Dayton, Ohio.
 Vallé Co., Dr. Cecilio D. Vallé, Pres., 4476 E. 71st St., Cleveland, Ohio.
 West Chemical & Paint Co., H. M. Sorrick, Pres., Springport, Mich.
 Woher, H. M., & Son Co., T. J. Donaghay, V. Pres., 1219 N. 26th St., Phila., Pa.
 Woodfinishing Products Co., James A. Leawith, Copartner, 434 Barretto St., New York, N. Y.
 Yarnall Paint Co., Geo. B. Beitzel, V. Pres., Grays Ave. West of 54th St., Phila., Pa.
 Yates & Co. (Inc.), C. M. Yates, jr., Pres., 754 Folsom St., San Francisco, Calif.

Spec. 379, COLORED WATERPROOF DRAWING INK

- Abbey, R. A., Co., R. A. Abbey, owner, 1109 Jackson St., Scranton, Pa.
 Carter's Ink Co., Walter F. Wyman, Gen. sales Mgr., 239 First St., Cambridge, Mass.
 Diamond Ink Co., Robt. R. Ritz, Pres., 817 34th St., Milwaukee, Wis.
 Dietzgen Eugene, Co. (Inc.), G. C. Allen, Asst. Mgr., 218 E. 23d St., New York, N. Y.
 Greenbacher, M., Walter Greenbacher, Mem. firm, 160 Fifth Ave., New York, N. Y.
 Higgins, Chas. M., & Co., Tracy Higgins, Gen. Mgr., 271 Ninth St., Brooklyn, N. Y.
 Keuffel & Esser Co., W. G. Keuffel, Pres., 3d & Adams Sts., Hoboken, N. J.
 Stafford, S. S. (Inc.), W. S. Stafford, Pres., 609 Washington St., New York, N. Y.
 Technical Supply Co., Geo. E. Tracy, Gen. Mgr., 1001 Wyoming Ave., Scranton, Pa.
 Wallior Chemical Works, F. A. Wallior, owner, 528 Dauphine St., New Orleans, La.
 Weber, F., Co., E. G. Weber, Pres., 1220 Buttonwood St., Phila., Pa.
 Weil, J. H. & Co., Walter A. Kohn, Mem. Firm, 1315 Cherry St., Phila., Pa.

Spec. 380, CEMENT, ASPHALT PLASTIC

- Albion Mfg. Co., E. A. Nelson, Pres., 5710 Corson Ave., Seattle, Wash.
 Amalgamated Roofing Co., 431 S. Dearborn St., Chicago, Ill.
 American Asphalt Roof Corp., 15th & Blue River, Kansas City, Mo.
 Asphalt Roofing Products Co. (Inc.), J. E. Cassidy, Pres., 815 15th St. NW., Washington, D. C.
 Barber Asphalt Co., 1600 Arch St., Phila., Pa.
 Barrett Co., R. V. Mahon, V. Pres., 40 Rector, New York, N. Y. (Except fibre length.)
 Beaver Products Co., Beaver Rd., Buffalo, N. Y.
 Beckman-Dawson Roofing Co., 223 W. Jackson Blvd., Chicago, Ill.
 Berkheimer, J. E., Mfg. Co., J. A. Delaney, Sec., 2928 S. M St., Tacoma, Wash.
 Bird & Son, 1472 E. 76th St., Chicago, Ill.
 Buckeye Paint & Varnish Co., P. F. Whalen, jr., V. Pres., 15th & Lucas Sts., Toledo, Ohio.
 Byerlyte Co., D. N. Myers, Gen. Mgr., 2484 W. 4th St., Cleveland, Ohio.
 Carey, Philip Co., R. A. Gaines, Mgr. paint Dept., Lockland, Cincinnati, Ohio.
 Certain-teed Products Corp., S. R. Walker, V. Pres., 100 E. 42nd St., New York, N. Y.
 Chacon Trading Co., R. M. A. Chacon, Gen. Mgr., 82 Beaver St., New York, N. Y.
 Chatfield Mfg. Co., 3rd & Plum Sts., Cincinnati, Ohio.
 Continental Products Co., W. K. Einstein, Treas., E. 222d & Nickel Plate R. R., Euclid, Ohio.
 Eagle Paint & Varnish Co., O. Greenberg, Pres., 10211 Harvard Ave., Cleveland, Ohio.
 Eclipse Paint & Color Co., C. P. Cox, sales Mgr., 105 N. 7th St., St. Louis, Mo.
 Elliott Varnish Co., H. A. Rowland, Pres., 4525 5th Ave., Chicago, Ill.
 Flintkote Co., 122 Michigan Ave., Chicago, Ill.
 Ford Roofing Products Co., 529 S. Franklin St., Chicago, Ill.
 Garrett, C. S., & Son Corp., W. P. Cole, V. Pres., 20 S. Marshall St., Phila., Pa.
 Glidden Co. of Cal., L. A. Freeman, Sec., 1300 7th St., San Francisco, Calif.
 Goheen Corp. of N. J., N. F. Ludeau, Sec., 202 Emmet St., Newark, N. J.
 Hampden Paint & Chemical Co., C. C. Carlson, Asst. Treas., Springfield, Mass.
 Hetzel, J. G., Estate, T. A. Baudermann, sales Mgr., 67 Maine St., Newark, N. J.
 Johns-Manville Corp., C. E. Horton, Asst. Treas., 292 Madison Ave., New York, N. Y.
 Joseph Mfg. Co., J. S. Pedrick, owner, 122 Chestnut Ave., Woodlynne, N. J.
 Klein Mfg. Co., H. A. Jaenlee, Sec., 402 Perry-Payne Bldg., Cleveland, Ohio.
 Knapp, E. J., Co., C. H. Knapp, Pres., Belding, Mich.
 Lastik Products Corp., H. Arnwake, V. Pres., Clyde & P. R. R., Wampum, Pa.
 Lehon Co., 44th & Oakley Ave., Chicago, Ill.
 Lockport Paper Co., Lockport, N. Y.
 Logan-Long Co., 37 W. Van Buren St., Chicago, Ill.
 McHenry-Millhouse Mfg. Co., 1702 S. Franklin St., South Bend, Ind.
 Merkin, M. J., Paint Co. (Inc.), E. Burger, Gen. Mgr., 25 Spruce St., New York, N. Y.
 Mica Insulating Roofing & Supply Co. (Inc.), R. B. Martin, V. Pres., 200 5th St., S. W., Mason City, Iowa.
 Mikesell Co., H. S. Mikesell, Pres., 1223 S. Wabash Ave., Chicago, Ill.
 Miller & Graham, F. D. Graham, Mem. firm, 21 S. Gay St., Balto., Md.
 Missouri Paint & Varnish Co., J. B. Frank, V. Pres., 5125 N. 2d St., St. Louis, Mo.
 Murray, Alexander, & Co. (Ltd.), Canada Cement Bldg., Montreal, Canada.
 National Asbestos Mfg. Co., C. S. Brooks, V. Pres., 163 Henderson St., Jersey City, N. J.
 National Roofing Co., Paul Bennett, sales Mgr., Tonawanda, N. Y.

- Nelson, B. F., Mfg. Co., C. E. Sager, Sec., 401 Main St., N. E., Minneapolis, Minn.
 No-Leak Roofing & Paint Co., R. A. Burch, Pres., Beechwood Ave., Toledo, Ohio.
 Ohmlac Paint & Refining Co., L. F. Linaley, Pres., 140 S. Dearborn St., Chicago, Ill.
 Pen Mar Co. (Inc.), E. H. Thompson, Gen. Mgr., 323 Munsey Bldg., Balto., Md.
 Pioneer Paper Co., 55th & Alameda Sts., Los Angeles, Calif.
 Ruberoid Co., 96 Madison Ave., New York, N. Y.
 Safepack Mills, Millis, Mass.
 Sall Mountain Co., 140 S. Dearborn St., Chicago, Ill.
 Sifo Products Co., 1120 E. 7th St., St. Paul, Minn.
 Solar Compounds Corp., S. N. Hersloff, Treas., Whittier St., Linden, N. J.
 Star Paint & Varnish Co., A. B. Shaw, Mgr., 1530 E. 115th St., Cleveland, Ohio.
 Suydam, M. B., Co., R. S. Suydam, Pres., Preble & Island Aves., Pittsburgh, Pa.
 Truscon Laboratories, R. A. Plumb, Gen. Mgr., Caniff Ave. & Grand Trunk R. R., Detroit, Mich.
 Turnerised Roofing Co., F. L. Kinsman, V. Pres., Brewer Block, Ada, Ohio.
 Warren Refining & Chemical Co., E. L. Cannon, Pres., 9420 Meech Ave., Cleveland, Ohio.
 Watson, H. F., Co., E. 16th St., Erie, Pa.
 Weaver-Henry Mfg. Co., 2440 E. 8th St., Los Angeles, Calif.
 Zophar Mills (Inc.), H. J. Blank, Pres., 587 Court St., Brooklyn, N. Y.

Spec. 393, MALLEABLE IRON OR STEEL UNIONS

- Corley-DeWolfe Co., P. W. Davey, Asst. Treas., 323 Pine St., Elizabeth, N. J.
 Crane Co., C. D. Little, V. Pres., charge of sales, 836 S. Michigan Ave., Chicago, Ill.
 Jefferson Union Co., Daniel T. Groff, V. Pres., Fletcher Ave., Lexington, Mass.
 Keating, E. F., Co., E. F. Keating, Pres., 452 Water St., New York, N. Y.
 King Union Co. (Inc.), Henry Diamond, Treas., Hillsgrove, R. I.
 Kries, Henry A., & Son, C. A. Kries, Treas., 6 W. Lombard St., Baltimore, Md.
 Lead Lined Iron Pipe Co., Thomas E. Dwyer, Pres., Broadway, Wakefield, Mass.
 Lambert, Geo. B., & Co., D. C. Showers, V. Pres., 570 Fulton St., Chicago, Ill.
 Rhode Island Fittings Co., Stanley Cady, Treas., 123 Georgia Ave., Providence, R. I.
 Standard Union Co., Edward S. Crockett, Treas., 7 Water St., Boston, Mass.
 Union Malleable Mfg. Co., B. F. Green, Asst. Treas., 8th St., Ashland, Ohio.

Spec. 396, BRUSH, CALCIMINE

- Atlas Brush Corp., B. K. Throckmorton, Sec. Treas., 160 John St. Brooklyn, N. Y.
 Baker Brush Co. (Inc.), Harry Shulman, Sec., 83 Grand St., New York, N. Y.
 Burton-Boston Brush Co., P. H. Thayer, Pres., 122 Harvard St., Cambridge, Mass.
 Detroit Quality Brush Mfg. Co., T. Weinbaum, Mgr., 3444 Wesson Ave., Detroit, Mich.
 Hanlon & Goodman Co., Geo. E. Goodman, Treas., 6 Riverside Ave., Belleville, N. J.
 Kip Brush Co., A. G. Postley, Pres., 449 Greenwich St., New York, N. Y.
 Linzer, David, & Sons, Aaron Linzer, partner, 358 Bowery, New York, N. Y.
 Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781 E. 135th St., New York, N. Y.
 Rubberset Co., T. B. Denton, V. Pres., 56 Ferry St., Newark, N. J.
 Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres., 34 Hubert St., New York, N. Y.
 Standard Broom & Brush Co., G. S. Schwartz, owner, Portland, Ind.
 United Brush Manufactories, T. V. Schinven, Treas., 116 Wooster St., New York, N. Y.
 Whiting-Adams Co., Henry H. Hill, Pres., 690 Harrison Ave., Boston, Mass.

Spec. 397, BRUSH, DUST, CEILING AND WALL

- Baird Brush Mfg. Co. (Inc.), R. H. Robb, Pres., 829 Wood St., Oakland, Calif.
 Bermes, Daniel, Co., Geo. F. Sauer, jr., Pres., 114 44th St., Union City, N. J.
 Brenner, A., A. Brenner, 12 N. 3d St., Phila., Pa.
 Caro, Jean, Products Co., L. F. Lauth, Gen. Mgr., Spring & Chicago Ave., Freeport, Ill.
 Culicover & Shapiro, Gershon Shapiro, Prop., 252 Pearl St., New York, N. Y.
 Dearborn Mfg. Co., J. C. Singleton, Sec., 550 W. Harrison St., Chicago, Ill.
 Detroit Quality Brush Mfg. Co., T. Weinblum, Mgr., 3444 Wesson Ave., Detroit, Mich.
 Du-All Mfg. Co., R. F. Henn, Pres., Geneva, Ohio.
 Empire Brush Works, J. Bruce Howard, Mgr., 63 Park Row, New York, N. Y.
 Hanlon & Goodman Co., Geo. E. Goodman, Treas., 6 Riverside Ave., Belleville, N. J.
 Herold Bros. Co., K. G. Herold, V. Pres., 1104 N. 9th St., Cleveland, Ohio.
 India Brush & Mat Co., Walter B. Scott, Mgr., 273 Dubois St., Detroit, Mich.
 Laitner, A., & Sons, E. A. Laitner, Mgr., 2000 Brooklyn Ave., Detroit, Mich.
 Leonard Brush & Woodenware Co., W. T. Adams, Pres., 901 W. Main St., Louisville, Ky.
 Metal-Bound Brush & Broom Co., C. H. Longman, Pres., 119 E. Pearl St., Cincinnati, Ohio.
 Michigan Brush Mfg. Co. (Inc.), Samuel Scott, Pres., 3701 Mich. Ave., Detroit, Mich.
 Moran Bros., Geo. F. Moran, partner, 10 Whiting St., New Haven, Conn.
 Murk, Hermann G., & Co., Hermann G. Murk, owner, 43 Wells St., Hartford, Conn.
 Northwestern Mfg. Co., C. K. Smith, Pres., 1324 Capitol Ave., Omaha, Neb.

- Robertson, Theo. B. Products Co. (Inc.), Theo. B. Robertson, Pres., 700 W. Division St., Chicago, Ill.
- Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres., 34 Hubert St., New York, N. Y.
- Sullivan Brush Co., J. B. Miller, Pres., 15 N. State St., Sullivan, Ind.
- United States Brush Co., Carl J. Nagl, Mgr., 4301 N. 28th St., Omaha, Neb.
- United States Chemical Co., V. W. Mider, Gen. Mgr., Greenville, Ohio.
- Weil-Ransom Co., Albert Ransom, jr., Treas., 816 Fulton St., Chicago, Ill.
- Whiting-Adams Co., Henry H. Hill, Pres., 690 Harrison Ave., Boston, Mass.
- Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.

Spec. 398, BRUSH, FIBER, GARAGE

- Baird Brush Mfg. Co. (Inc.), R. H. Robb, Pres., 829 Wood St., Oakland, Calif.
- Dearborn Mfg. Co., J. C. Singleton, Sec., 550 W. Harrison St., Chicago, Ill.
- Empire Brush Works, J. Bruce Howard, Mgr., 63 Park Row, New York, N. Y.
- Herold Bros. Co., K. G. Herold, V. Pres., 1104 W. 9th St., Cleveland, Ohio.
- India Brush & Mat Co., Walter B. Scott, Mgr., 273 Dubois St., Detroit, Mich.
- Laitner, A., & Sons, Edw. A. Laitner, Mgr., 2000 Brooklyn Ave., Detroit, Mich.
- Leonard Brush & Woodward Co., W. T. Adams, Pres., 901 W. Main St., Louisville, Ky.
- Liberty Brush Co., Hyman Ziserman, Prop., 959 N. 5th St., Phila., Pa.
- Manufacturers Brush Co., R. M. Manning, Sec., 1950 W. 114th St., Cleveland, Ohio.
- Michigan Brush Mfg. Co. (Inc.), Samuel Scott, Pres., 3701 Mich. Ave., Detroit, Mich.
- Milwaukee Brush Mfg. Co., E. P. Sturch, Pres., 784 30th St., Milwaukee, Wis.
- Moran Bros., Geo. F. Moran, partner, 10 Whiting St., New Haven, Conn.
- Northwestern Mfg. Co., C. K. Smith, Pres., 1324 Capitol Ave., Omaha, Neb.
- Ox Fibre Brush Co., J. W. Wolfe, office Mgr., Frederick, Md.
- Rhode Island Brush Co., A. C. Rounds, 50 Daniel Ave., Providence, R. I.
- Standard Broom & Brush Co., G. S. Schwartz, owner, Portland, Ind.
- Steiert, A., & Son, Russell Wangner, Gen. Mgr., Front & Reed Sts., Phila., Pa.
- United States Brush Co., Carl J. Nagl, Mgr., 4301 N. 28th St., Omaha, Neb.
- United States Chemical Co., V. W. Mider, Gen. Mgr., Greenville, Ohio.
- Van Tine, Bartlett, & Jones (Inc.), P. A. Jones, Pres., Jonesville, Mich.
- Weil Ransom Co., Albert Ransom, jr., Treas., 816 Fulton St., Chicago, Ill.
- Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.

Spec. 399a, BRUSH, FLAT, FITCH

- Atlas Brush Corp., B. K. Throckmorton, Sec., 160 John St., Brooklyn, N. Y.
- Baker Brush Co. (Inc.), Harry Shulman, Sec., 83 Grand St., New York, N. Y.
- Burton-Boston Brush Co., P. H. Thayer, Pres., 122 Harvard St., Cambridge, Mass.
- Detroit Quality Brush Mfg. Co., T. Weinblum, Mgr., 3444 Wesson Ave., Detroit, Mich.
- Elder & Jenks, F. R. Maxwell, Mgr., 415 Vine St., Phila., Pa.
- Flynn Bros., James Flynn, jr., owner, 436 Fifth Ave., Troy, N. Y.
- Grumbacher, M., Walter Grumbacher, Mem. of firm, 160 Fifth Ave., New York, N. Y.
- Hanlon & Goodman Co., Geo. E. Goodman, Treas., 6 Riverside Ave., Belleville, N. J.
- Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781 E. 135th St., New York, N. Y.
- Pittsburg Brush Co., F. D. Jacobs, Pres., 207 W. Canal St., Pittsburg, Pa.
- Rubberset Co., T. B. Denton, V. Pres., 56 Ferry St., Newark, N. J.
- Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres., 34 Hubert St., New York, N. Y.
- Sheets, W. H., jr., & Co., J. P. McGonigle, Gen. Mgr., 121 S. Charles St., Balto., Md.
- United Brush Manufactories, T. V. Schinven, Treas., 116 Wooster St., New York, N. Y.
- Warner, W. E. & Co., G. Meyer, partner, 136 Center St., New York, N. Y.
- Whiting-Adams Co., Henry H. Hill, Pres., 690 Harrison Ave., Boston, Mass.
- Wooster Brush Co., O. H. Foss, Ind. sales Mgr., 1 Madison Ave., Wooster, Ohio.

Spec. 400, SWEEP, FLOOR, HAIR

- Auburn Brush Co. (Inc.), LeRoy B. Breneman, sales Mgr., Market St. & Alley 1, Columbia, Pa.
- Baird Brush Mfg. Co. (Inc.), R. H. Robb, Pres., 829 Wood St., Oakland, Calif.
- Bermes, Daniel Co., Geo. F. Sauer, jr., Pres., 114 44th St., Union City, N. J.
- Brenner, A., A. Brenner, 12 N. 3d St., Phila., Pa.
- Burton-Boston Brush Co., P. H. Thayer, Pres., 122 Harvard St., Cambridge, Mass.
- Culicover & Shapiro, Gershon Shapiro, Prop., 252 Pearl St., New York, N. Y.
- Dearborn Mfg. Co., J. C. Singleton, Sec., 550 W. Harrison St., Chicago, Ill.
- Dennin, O., Sons (Inc.), E. A. Dennin, Treas., 120th St. & 6th Ave., Troy, N. Y.
- Detroit Quality Brush Mfg. Co., T. Weinblum, Mgr., 3444 Wesson Ave., Detroit, Mich.
- Empire Brush Works, J. Bruce Howard, Mgr., 63 Park Row, New York, N. Y.
- Hanlon & Goodman Co., Geo. E. Goodman, Treas., 6 Riverside Ave., Belleville, N. J.
- Herold Bros. Co., K. G. Herold, V. Pres., 1104 N. 9th St., Cleveland, Ohio.
- Laitner, A., & Sons, E. A. Laitner, Mgr., 2000 Brooklyn Ave., Detroit, Mich.
- Liberty Brush Co., Hyman Ziserman, Prop., 959 N. 5th St., Phila., Pa.

- Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781 E. 135th St., New York, N. Y.
 Michigan Brush Mfg. Co. (Inc.), Samuel Scott, Pres., 3701 Mich. Ave., Detroit, Mich.
 Milwaukee Brush Mfg. Co., E. P. Sturch, Pres., 784 30th St., Milwaukee, Wis.
 Moran Bros., Geo. F. Moran, Partner, 10 Whiting St., New Haven, Conn.
 Murk, Hermann G., & Co., Hermann G. Murk, owner, 43 Wells St., Hartford, Conn.
 Northwestern Mfg. Co., C. K. Smith, Pres., 1324 Capitol Ave., Omaha, Nebr.
 Ox Fibre Brush Co., J. W. Wolfe, Office Mgr., Frederick, Md.
 Rhode Island Brush Co., A. C. Rounds, 50 Daniel Ave., Providence, R. I.
 Robertson, Theo. B., Products Co. (Inc.), Theo. B. Robertson, Pres., 700 W. Division St., Chicago, Ill.
- Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres., 34 Hubert St., New York, N. Y.
 Steiert, A., & Son, Russell Wangner, Gen. Mgr., Front & Reed Sts., Phila., Pa.
 Sullivan Brush Co., J. B. Miller, Pres., 15 N. State St., Sullivan, Ind.
 Thum, Chas. D., C. K. Van Rensselaer, Mgr., 137 Race St., Phila., Pa.
 United States Brush Co., Carl J. Nagl, Mgr., 4301 N. 28th St., Omaha, Neb.
 United States Chemical Co., V. W. Mider, Gen. Mgr., Greenville, Ohio.
 Van Tine, Bartlett, & Jones (Inc.), P. A. Jones, Pres., Jonesville, Mich.
 Weil-Ransom Co., Albert Ransom, jr., Treas., 816 Fulton St., Chicago, Ill.
 Whiting-Adams Co., Henry H. Hill, Pres., 690 Harrison Ave., Boston, Mass.
 Young Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.

Spec. 401a, BRUSH, GLUE, ROUND

- Atlas Brush Corp., B. K. Throckmorton, Sec., 160 John St., Brooklyn, N. Y.
 Baker Brush Co. (Inc.), Harry Shulman, Sec., 83 Grand St., New York, N. Y.
 Detroit Quality Brush Mfg. Co., T. Weinblum, Mgr., 3444 Wesson Ave., Detroit, Mich.
 Hanlon & Goodman Co., Geo. E. Goodman, Treas., 6 Riverside Ave., Belleville, N. J.
 Linzer, David, & Sons, Aaron Linzer, partner, 358 Bowery, New York, N. Y.
 Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781 E. 135th St., New York, N. Y.
- Rubberset Co., T. B. Denton, V. Pres., 56 Ferry St., Newark, N. J.
 Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres., 34 Hubert St., New York, N. Y.
 United Brush Manufactories, T. V. Schinven, Treas., 116 Wooster St., New York, N. Y.
 Whiting-Adams Co., Henry H. Hill, Pres., 690 Harrison Ave., Boston, Mass.
 Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.

Spec. 402, BRUSH, GLUE, FLAT

- Atlas Brush Corp., B. K. Throckmorton, Sec., 160 John St., Brooklyn, N. Y.
 Baker Brush Co. (Inc.), Harry Shulman, Sec., 83 Grand St., New York, N. Y.
 Detroit Quality Brush Mfg. Co., T. Weinblum, Mgr., 3444 Wesson Ave., Detroit, Mich.
 Hanlon & Goodman Co., Geo. E. Goodman, Treas., 6 Riverside Ave., Belleville, N. J.
 Linzer, David, & Sons, Aaron Linzer, partner, 358 Bowery, New York, N. Y.
 Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781 E. 135th St., New York, N. Y.
- Rubberset Co., T. B. Denton, V. Pres., 56 Ferry St., Newark, N. J.
 Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres., 34 Hubert St., New York, N. Y.
 United Brush Manufactories, T. V. Schinven, Treas., 116 Wooster St., New York, N. Y.
 Whiting-Adams Co., Henry H. Hill, Pres., 690 Harrison Ave., Boston, Mass.
 Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.

Spec. 403, BRUSH, LACQUERING, FLAT, CAMEL HAIR

- Baker Brush Co. (Inc.), Harry Shulman, Sec., 83 Grand St., New York, N. Y.
 Eberhard, Jos. F., & Son (Inc.), Michael Celeuza, Pres., 388 Pearl St., New York, N. Y.
 Hanlon & Goodman Co., G. E. Goodman, Treas., 6 Riverside Ave., Belleville, N. J.
 Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781 E. 135th St., New York, N. Y.
- Rubberset Co., T. B. Denton, V. Pres., 56 Ferry St., Newark, N. J.
 Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres., 34 Hubert St., New York, N. Y.
 United Brush Manufactories, T. V. Schinven, Treas., 116 Wooster St., New York, N. Y.
 Whiting-Adams Co., Henry H. Hill, Pres., 690 Harrison Ave., Boston, Mass.

Spec. 404a, BRUSH, MARKING

- Baker Brush Co. (Inc.), Harry Shulman, Sec., 83 Grand St., New York, N. Y.
 Eberhard, Jos. F., & Son (Inc.), Michael Celeuza, Pres., 388 Pearl St., New York, N. Y.
 Hanlon & Goodman Co., Geo. E. Goodman, Treas., 6 Riverside Ave., Belleville, N. J.
 Manufacturers Brush Co., R. M. Manning, Sec., 1950 W. 114th St., Cleveland, Ohio.
 Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781 E. 135th St., New York, N. Y.
- Rubberset Co., T. B. Denton, V. Pres., 56 Ferry St., Newark, N. J.
 Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres., 34 Hubert St., New York, N. Y.
 United Brush Manufactories, T. V. Schinven, Treas., 116 Wooster St., New York, N. Y.
 Whiting-Adams Co., Henry H. Hill, Pres., 690 Harrison Ave., Boston, Mass.

Spec. 405, BRUSH, MOTTILING, CAMEL HAIR

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| Baker Brush Co. (Inc.), Harry Shulman, Sec., 83 Grand St., New York, N. Y. | Rubberset Co., T. B. Denton, V. Pres., 56 Ferry St., Newark, N. J. |
| Eberhard, Jos. F., & Son (Inc.), Michael Celeuza, Pres., 388 Pearl St., New York, N. Y. | Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres., 34 Hubert St., New York, N. Y. |
| Hanlon & Goodman Co., Geo. E. Goodman, Treas., 6 Riverside Ave., Belleville, N. J. | United Brush Manufactories, T. V. Schinven, Treas., 116 Wooster St., New York, N. Y. |
| Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781 E. 135th St., New York, N. Y. | Whiting-Adams Co., Henry H. Hill, Pres., 690 Harrison Ave., Boston, Mass. |

Spec. 406a, BRUSH, SASH TOOL, OVAL

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| Atlas Brush Corp., B. K. Throckmorton, Sec., 160B John St., Brooklyn, N. Y. | Linzer, David, & Sons, Aaron Linzer, partner, 358 Bowery, New York, N. Y. |
| Baker Brush Co. (Inc.), Harry Shulman, Sec., 83 Grand St., New York, N. Y. | Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781 E. 135th St., New York, N. Y. |
| Burton-Boston Brush Co., P. H. Thayer, Pres., 122 Harvard St., Cambridge, Mass. | Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres., 34 Hubert St., New York, N. Y. |
| Eberhard, Jos. F., & Son (Inc.), Michael Celeuza, Pres., 388 Pearl St., New York, N. Y. | United Brush Manufactories, T. V. Schinven, Treas., 116 Wooster St., New York, N. Y. |
| Hanlon & Goodman Co., G. E. Goodman, Treas., 6 Riverside Ave., Belleville, N. J. | Whiting-Adams Co., Henry H. Hill, Pres., 690 Harrison Ave., Boston, Mass. |
| Kip Brush Co., A. C. Postley, Pres., 449 Greenwich St., New York, N. Y. | |

Spec. 407, BRUSH, HAND SCRUB, WHITE TAMPICO

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| Ames Brush Co., W. W. Conklin, Treas., 3800 Detroit Ave., Toledo, Ohio. | Manufacturers Brush Co., R. M. Manning, Sec., 1950 W. 114th St., Cleveland, Ohio. |
| Dennin, O., Sons (Inc.), E. A. Dennin, Treas., 120th St. & 6th Ave., Troy, N. Y. | Northwestern Mfg. Co., C. K. Smith, Pres., 1324 Capitol Ave., Omaha, Neb. |
| Detroit Quality Brush Mfg. Co., T. Weinblum, Mgr., 3444 Wesson Ave., Detroit, Mich. | Ox Fibre Brush Co., J. W. Wolfe, office Mgr. Frederick, Md. |
| Felton United Brush Co., R. H. Daniels, Gen. Mgr., Toledo, Ohio. | Rhode Island Brush Co., A. C. Rounds, 50 Daniel Ave., Providence, R. I. |
| Flatt, Jos. O., & Co., Geo. W. Flatt, Gen. Mgr., 137 Cedar St., Reading, Pa. | United States Chemical Co., V. W. Mider, Gen. Mgr., Greenville, Ohio. |
| Herald Bros. Co., K. G. Herold, V. Pres., 1104 N. 9th St., Cleveland, Ohio. | Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y. |
| India Brush & Mat Co., Walter B. Scott, Mgr., 273 Dubois St., Detroit, Mich. | |

Spec. 411, TABLEWARE, SILVER PLATED

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| Gorham Co., Edmund C. Mayo, Pres., Elmwood Sta., Providence, R. I. | Reed & Barton, Arthur Ashworth, V. Pres., 144 W. Britannia St., Taunton, Mass. |
| International Silver Co., Geo. H. Wilcox, Pres., Meriden, Conn. | Wallace, R., & Sons Mfg. Co., C. D. Morris, V. Pres., Wallingford, Conn. |
| Oneida Community (Ltd.), G. Wayland Smith, V. Pres., Kenwood Sta., Oneida, N. Y. | Williams Bros. Mfg. Co., Geo. H. Pinney, Treas., Nantue Ave., Glastonbury, Conn. |
| Pick, Albert, & Co., R. W. Wehrwein, Asst. Mdse. Mgr., 208 W. Randolph St., Chicago, Ill. | |

Spec. 413a, PADLOCKS

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| American Hardware Corp., W. H. Booth, Asst. Treas., Cor. Park & Orchard St., New Britain, Conn. | Junkunc Bros., George F. Unterbery, Gen. Mgr., 1145 W. Garfield Blvd., Chicago, Ill. |
| Best Universal Lock Co., A. L. Haggard, V. Pres. purchasing & sales, 1121 Post St., Seattle, Wash. | Lockwood Mfg. Co., George E. Eddy, V. Pres., 405 W. Redwood St., Balto., Md. (Types 1, 1a, 2, 2a, 6 & 6a only.) |
| Bohannon, Wilson, Co., Wilson B. Tway, Pres., Mound & Buckeye Sts., Marion, Ohio. | Lockwood Mfg. Co., Nelson Taylor Hays, Sec., Pay & Raymond Sts., South Norwalk, Conn. |
| Corbin Cabinet Lock Co., Harrison L. Taylor, Mgr., 21 Warren St., New York, N. Y. | Reese Padlock Co., J. E. Hershey, sales Mgr., Lancaster, Pa. |
| Eagel Lock Co., A. W. Clark, sales Mgr., 26 Warren St., New York, N. Y. | Sargent & Co., Murray Sargent, Sec., Water St., New Haven, Conn. |
| Edwards, O. M., Co. (Inc.), O. M. Edwards, Sec., Plum & Solar Sts., Syracuse, N. Y. | Sargent & Greenleaf (Inc.), Wm. N. Diesel, V. Pres., 1176 Joseph Ave., Rochester, N. Y. |
| Fraim, E. T., Lock Co., Samuel R. Fraim, Pres., 237 Park Ave., Lancaster, Pa. | Segal Lock & Hardware Co. (Inc.), Edward Segal, Asst. Sec., 55 Ferris St., Brooklyn, N. Y. |
| Fraim-Slaymaker Hardware Co. (Inc.), Henry H. Hanton, Treas. West End Ave. & First Sts., Lancaster, Pa. | Yale & Towne Mfg. Co., E. C. Waldvogel, V. Pres., Stamford, Conn. |
| Independent Lock Co., Bernard S. Falk, Mgr., 47 Prescott St., Fitchburg, Mass. | |

Spec. 422, HUCK TOWELS (WITH WOVEN NAME)

- Boott Mills, F. A. Flather, Treas., foot of John St., Lowell, Mass. (Parker, Wilder & Co., Wm. D. Judson, Mem. firm, 78 Leonard St., New York, N. Y., sole selling agents.)
- Cannon Mills (Inc.), F. A. Williams, V. Pres., 70 Worth St., New York, N. Y.
- Cone Export & Commission Co., S. F. Dennen, V. Pres., 343 Broadway, New York, N. Y.
- Elliott Granite Linen Corp., James M. Walsh, Pres., 44 White St., New York, N. Y.
- Foster Textile Corp., N. R. Foster, Pres., Lockport, N. Y.
- Herring, M., Co., M. Herring, owner, 115 Franklin St., New York, N. Y.
- Lake Shore Towel Mills, H. E. Orts, Sec., Railroad Ave., Cassadaga, N. Y.
- Niagara Textile Co., H. Rausom, V. Pres., Transit St., Lockport, N. Y.
- Rolason Mfg. Co. (Inc.), B. U. Dotson, V. Pres., 121 W. Water St., Lima, Ohio.
- Superba Towel Co., Timothy Mooney, Treas., 99 Irving St., Fall River, Mass.
- Wellbrock, Moreland Textile Co., J. H. Moreland, V. Pres., 43 Leonard St., New York, N. Y.
- Wellington, Sears & Co., Charles O. Richardson, Mem. firm, 93 Franklin St., Boston, Mass.
- Woodward Baldwin & Co., G. Brent Dorsey, partner, 43 Worth St., New York, N. Y.

Spec. 423, ROOFING, PREPARED, ASPHALT AND ASBESTOS, SLATE-SURFACED

- American Asphalt Roof Corp., E. E. Vernick, Sec., 15th & Blue River, Kansas City, Mo.
- Barber Asphalt Co., C. W. Bayliss, V. Pres., 1600 Arch St., Phila., Pa.
- Berkheimer, J. E., Mfg. Co., J. A. Delaney, Sec., 2928 S. M St., Tacoma, Wash.
- Brantford Roofing Co. (Ltd.), Sydenham St., Brantford, Ontario, Canada.
- Byerlyte Co., D. N. Myers, Gen. Mgr., 2484 W. 4th St., Cleveland, Ohio.
- Garrett, C. S., & Son Corp., W. R. Cole, V. Pres., 20 S. Marshall St., Phila., Pa.
- Goheen Corp. of N. J., M. F. Ludeau, Sec., 202 Emmet St., Newark, N. J.
- Johns-Manville Corp., C. E. Horton, Asst. Treas., 292 Madison Ave., New York, N. Y.
- McHenry Millhouse Mfg. Co., M. C. Hendershot, Sec., 1702 S. Franklin St., South Bend, Ind.
- Mikesell Co., H. S. Mikesell, Pres., 1223 S. Wabash Ave., Chicago, Ill.
- Miller & Graham, F. D. Graham, Mem. firm, 21 S. Gay St., Balto., Md.
- National Asbestos Mfg. Co., C. S. Brooke, V. Pres., 163 Henderson St., Jersey City, N. J.
- Pen Mar Co. (Inc.), E. H. Thompson, Gen. Mgr., 323 Munsey Bldg., Balto., Md.
- Safepack Mills, W. M. Floring, V. Pres., Millis, Mass.
- Watson, H. F., Co., R. C. McClucathan, V. Pres., E. 16th St., Erie, Pa.

Spec. 424, ROOF COATING, ASPHALT FIBROUS

- Albion Mfg. Co., E. A. Nelson, Pres., 5710 Corson Ave., Seattle, Wash.
- American Asphalt Roof Corp., E. E. Vernick, Sec., 15th & Blue River, Kansas City, Mo.
- American Asphalt Paint Co., G. M. Hermann, Dir. sales, 844 Rush St., Chicago, Ill.
- Ashland Paint Co., E. W. Miller, Gen. Mgr., Huntington, W. Va.
- Asphalt Roofing Products Co. (Inc.), J. E. Cassidy, Pres., 815 15th St., NW., Washington, D. C.
- Barrett Co., R. V. Mahon, V. Pres., 40 Rector St., New York, N. Y. (Except fiber length.)
- Beaver Products Co. (Inc.), J. B. Cary, V. Pres., Ontario St., Buffalo, N. Y.
- Berkheimer, J. E., Mfg. Co., J. A. Delaney, Sec., 2928 S. M St., Tacoma, Wash.
- Bird & Son (Inc.), B. H. Roberts, Mfg. Mgr., 1472 W. 76th St., Chicago, Ill.
- Brantford Roofing Co. (Ltd.), Sydenham St., Brantford, Ontario, Canada.
- Buckeye Paint & Varnish Co., P. F. Whalen, jr., V. Pres., 15th & Lucas Sts., Toledo, Ohio.
- Byerlyte Co., D. N. Myers, Gen. Mgr., 2484 W. 4th St., Cleveland, Ohio.
- Carey, Philip Co., R. A. Gaines, Mgr. Paint Dept., Lockland, Cincinnati, Ohio.
- Certain-teed Products Corp., S. R. Walker, V. Pres., 100 E. 42d, New York, N. Y.
- Chacon Trading Co., R. M. Chacon, Gen. Mgr., 82 Beaver St., New York, N. Y.
- Continental Products Co., M. K. Einstein, Treas., E. 222d & Nickel Plate R. R., Euclid, Ohio.
- Coopers Creek Chemical Co., R. J. Titzel, V. Pres., W. Conshohocken, Pa.
- Eagle Paint & Varnish Co., O. Greenberg, Pres., 10211 Harvard Ave., Cleveland, Ohio.
- Eclipse Paint & Color Co., C. P. Cox, sales Mgr., 105 N. 7th St., St. Louis, Mo.
- Ehret Magnesia Mfg. Co., J. P. Dubois, sales Mgr., Valley Forge, Pa.
- Elliott Varnish Co., H. A. Rowland, Pres., 4525 Fifth Ave., Chicago, Ill.
- French, Samuel H., & Co., E. T. Longstreth, V. Pres., 400 Callowhill St., Phila., Pa.
- Frost Paint & Oil Co., H. S. Frost, Sec., 1209 Tyler St., N. E. Minneapolis, Minn.
- Garrett, C. S., & Son Corp., W. R. Cole, V. Pres., 20 S. Marshall St., Phila., Pa.
- Glidden Co. of Calif., L. A. Freeman, Sec., 1300 7th St., San Francisco, Calif.
- Goheen Corp. of N. J., N. F. Ludeau, Sec., 202 Emmet St., Newark, N. J.
- Hampden Paint & Chemical Co., C. C. Carlson, Asst. Treas., Springfield, Mass.
- Hetzel, J. G., Estate, T. A. Baudermann, sales Mgr., 67 Maine St., Newark, N. J.
- Johns-Manville Corp., C. E. Horton, Asst. Treas., 292 Madison Ave., New York, N. Y.
- Joseph Mfg. Co., J. S. Pedrick, Owner, 122 Chestnut Ave., Woodlynne, N. J.
- Klein Mfg. Co., H. A. Jaenlee, Sec., 402 Perry-Payne Bldg., Cleveland, Ohio.
- Knapp, E. J., Co., C. H. Knapp, Pres., Belding, Mich.
- Lastik Products Corp., H. Arnwake, V. Pres., Clyde & P. R. R., Wampum, Pa.
- Lehon Co., T. Lehon, V. Pres., 44th St. & Oakley Ave., Chicago, Ill.
- Lewis Asphalt Engineering Corp., R. W. Lewis, Pres., 30 Church St., New York, N. Y.

- Logan Long Co., C. H. Slocum, Sec., 37 W. Van Buren St., Chicago, Ill.
 Merkin, M. J., Paint Co. (Inc.), E. Burger, Gen. Mgr., 25 Spruce St., New York, N. Y.
 Mica Insulating Roofing & Supply Co. (Inc.), R. B. Martin, V. Pres., 200 5th, S. W., Mason City, Iowa.
 Mikesell Co., H. S. Mikesell, Pres., 1223 S. Wabash Ave., Chicago, Ill.
 Miller & Graham, F. D. Graham, Mem. firm, 21 S. Gay St., Balto., Md.
 Missouri Paint & Varnish Co., J. B. Frank, V. Pres., 5125 N. 2d, St. Louis, Mo.
 National Asbestos Mfg. Co., C. S. Brooks, V. Pres., 163 Henderson St., Jersey Cy., N. J.
 National Roofing Co., Paul Bennett, sales Mgr., Tonawanda, N. Y.
 No Leak Roofing & Paint Co., R. A. Burch, Pres., Beechwood Ave., Toledo, Ohio.
 Ohmlac Paint & Refining Co., L. F. Linaley, Pres., 140 S. Dearborn St., Chicago, Ill.
 Pen Mar. Co. (Inc.), E. H. Thompson, Gen. Mgr., 323 Munsey Bldg., Balto., Md.
 Perry & Derrick Co., F. J. Derrick, Pres., Box 612, Cincinnati, Ohio.
 Pioneer Asphalt Co., J. Young, Pres., 251 Front St., New York, N. Y.
 Remolite Paint Co. (Inc.), W. P. Wesson, Pres., 2019 E. 38th St., Los Angeles, Calif.
 Ruberoid Co., E. M. Johnson, Sec., 95 Madison Ave., New York, N. Y.
 Safepack Mills, W. M. Floring, V. Pres., Millis, Mass.
 Sifo Products Co., E. D. Langan, V. Pres., 1120 E. 7th St., St. Paul, Minn.
 Solar Compounds Corp., S. N. Hersloff, Treas., Whittier St., Linden, N. J.
 Star Paint & Varnish Co., A. B. Shaw, Mgr., 1530 E. 115th St., Cleveland, Ohio.
 Steelcote Mfg. Co., H. E. Niedt, Mem. firm, Theresa & Gratiot Sts., St. Louis, Mo.
 Stelwagon Mfg. Co., J. Stelwagon, Pres., 19th St. & Washington Ave., Phila., Pa.
 Suydam, M. B., Co., R. S. Suydam, Pres., Preble & Island Aves., Pittsburgh, Pa.
 Truscon Laboratories, R. A. Plumb, Gen. Mgr., Caniff Ave. & Grand Trunk R. R., Detroit, Mich.
 Turnerised Roofing Co., F. L. Kinsman, V. Pres., Brewer Block, Ada, Ohio.
 Wadsworth, Howland & Co. (Inc.), R. Smith, jr., V. Pres., 141 Federal St., Boston, Mass.
 Watson, H. F., Co., R. C. McClucathan, V. Pres., E. 16th St., Erie, Pa.
 Zophar Mills (Inc.), H. J. Blank, Pres., 587 Court St., Brooklyn, N. Y.

Spec. 425, PAPER, CARBON, BLACK, LIGHTWEIGHT (FOR TYPEWRITER USE)

- American Manifold Products Corp., A. M. Oppenheimer, Sec. & Treas., 2900 Darwin Terrace, Chicago, Ill.
 Apter, M. S., Mfg. Co., M. S. Apter, Owner, 552 W. Harrison St., Chicago, Ill.
 Ault & Wiborg Co., R. A. Moore, Dept. Mgr., New, 7th & Culvert Sts., Cincinnati, Ohio.
 Blake, Moffitt & Towne, N. D. Hopkinson, V. Pres., 41 1st St., San Francisco, Calif.
 Caxton Laboratories (Inc.), Ward J. Downs, Pres., 51 Elizabeth St., New York, N. Y.
 Codo Mfg. Corp., F. S. Cooper, Pres., 1220 2d Ave., Coraopolis, Pa.
 Columbia Carbon Co., The, W. F. Dill, Treas., 139 S. Main St., Dayton, Ohio.
 Columbia Ribbon & Carbon Mfg. Co. (Inc.), Howard M. Traevern, order Dept. Mgr., 69 Wooster St., New York, N. Y.
 Consolidated Ribbon & Carbon Co., C. W. Oppenheimer, Pres., 63 E. Adams St., Chicago, Ill.
 Duplico Mfg. Co., Chas. E. Archbald, Pres., 65 Vine St., New Brunswick, N. J.
 Foyer, Chas. A., & Co., Geo. J. Foyer, 1104 Prospect Ave., Cleveland, Ohio.
 Heall, J. A. & Co. (Inc.), Lillian I. Clark, Sec., 81 Chambers St., New York, N. Y.
 Hess Hawkins Co., B. Paradise, Pres., 561 Grand Ave., Brooklyn, N. Y.
 Impression Products Co., John B. Jenkins, Pres., 1220 2d Ave., Coraopolis, Pa.
 Iron Clad Ribbon & Carbon Co., George L. Norris, Sec., 150 Greene St., New York, N. Y.
 Miller-Bryant-Pierce Co., T. G. Roehm, V. Pres., 189 S. River St., Aurora, Ill.
 Milo Ribbon & Carbon Corp., Joseph P. Craugh, Treas., 206 Elm St., Pen Yan, N. Y.
 Mittag Volger (Inc.), A. H. Barkerding, V. Pres., Park Ridge, N. J.
 Non-Smut Carbon Mfg. Co. (Inc.), E. E. Forster, Treas., 207 Tremont St., Rochester, N. Y.
 Ohashi Co. (Inc.), A. F. Deill, V. Pres., 54 Leonard St., New York, N. Y.
 Old Town Ribbon & Carbon Co. (Inc.) A. Bruhl, Sec. pro tem., 176 Johnson St., Brooklyn, N. Y.
 Pacific Carbon & Ribbon Mfg. Co., J. Francis O'Connor, Pres., 1451 Harrison St., San Francisco, Calif.
 Phillips Ribbon & Carbon Co. (Inc.), J. R. Battelle, V. Pres., 61 Halstead St., Rochester, N. Y.
 Smith, S. T., Co., Thos. H. Hindle, Mgr., 116 Duane St., New York, N. Y.
 Stafford, S. S. (Inc.), W. S. Stafford, Pres., 609 Washington St., New York, N. Y.
 Underwood, John & Co., H. G. Teele, Mgr., 62 Park Place, New York, N. Y.
 Union Ribbon & Carbon Co., Arthur E. Moorshead, Treas., 67 Laurel St., Phila., Pa.
 Vacuo Static Carbon Co., H. H. Miller, Pres., 77 St. Paul St., Rochester, N. Y.
 Western Carbon Paper Mfg. Co., C. K. Bland, Pres., 800 E. 16th St., Los Angeles, Calif.
 Write (Inc.), Charles B. Bacon, Pres., 405 Lexington Ave., New York, N. Y.

Spec. 426, PAPER, CARBON, BLACK, STANDARD WEIGHT (FOR TYPEWRITER USE)

- American Manifold Products Corp., A. M. Oppenheimer, Sec. & Treas., 2900 Darwin Terrace, Chicago, Ill.
 Ault & Wiborg Co., R. A. Moore, Dept. Mgr., New, 7th & Culvert Sts., Cincinnati, Ohio.
 Blake, Moffitt & Towne, N. D. Hopkinson, V. Pres., 41 1st St., San Francisco, Calif.
 Caxton Laboratories (Inc.), Ward J. Downs, Pres., 51 Elizabeth St., New York, N. Y.
 Codo Mfg. Corp., F. S. Cooper, Pres., 1220 2d Ave., Coraopolis, Pa.
 Columbia Carbon Co., W. F. Dill, Treas., 139 S. Main St., Dayton, Ohio.
 Columbia Ribbon & Carbon Mfg. Co. (Inc.), Howard M. Traevern, order Dept. Mgr., 69 Wooster St., New York, N. Y.
 Consolidated Ribbon & Carbon Co., C. W. Oppenheimer, Pres., 63 E. Adams St., Chicago, Ill.

- Duplico Mfg. Co., Chas. E. Archbald, Pres., 65 Vine St., New Brunswick, N. J.
 Foyer, Chas. A. & Co., Geo. J. Foyer, 1104 Prospect Ave., Cleveland, Ohio.
 Heall, J. A., & Co. (Inc.), Lillian I. Clark, Sec., 81 Chambers St., New York, N. Y.
 Hess Hawkins Co., B. Paradise, Pres., 561 Grand Ave., Brooklyn, N. Y.
 Impression Products Co., John B. Jenkins, Pres., 1220 2d Ave., Coraopolis, Pa.
 Iron Clad Ribbon & Carbon Co., George L. Norris, Sec., 150 Greene St., New York, N. Y.
 Miller-Bryant-Pierce Co., T. G. Roehm, V. Pres., 189 S. River St., Aurora, Ill.
 Milo Ribbon & Carbon Corp., Joseph P. Craugh, Treas., 206 Elm St., Pen Yan, N. Y.
 Mittag Volger (Inc.), A. H. Barkerding, V. Pres., Park Ridge, N. J.
 Non-Smut Carbon Mfg. Co. (Inc.), E. E. Forster, Treas., 207 Tremont St., Rochester, N. Y.
 Ohashi Co. (Inc.), A. F. Deill, V. Pres., 54 Leonard St., New York, N. Y.
 Old Town Ribbon & Carbon Co. (Inc.), A. Bruhl, Sec. pro tem, 176 Johnson St., Brooklyn, N. Y.
 Pacific Carbon & Ribbon Mfg. Co., J. Francis O'Connor, Pres., 1451 Harrison St., San Francisco, Calif.
 Phillips Ribbon & Carbon Co. (Inc.), J. R. Battelle, V. Pres., 61 Halstead St., Rochester, N. Y.
 Smith, S. T., Co., Thos. H. Hindle, Mgr., 116 Duane St., New York, N. Y.
 Stafford, S. S. (Inc.), W. S. Stafford, Pres., 609 Washington St., New York, N. Y.
 Stenno Ribbon & Carbon Mfg. Co., George L. Koehn, Pres., 740 Sandy Blvd., Portland, Ore.
 Underwood, John, & Co., H. G. Teele, Mgr., 62 Park Place, New York, N. Y.
 Union Ribbon & Carbon Co., Arthur E. Moorshead, Treas., 67 Laurel St., Phila., Pa.
 Vacuo Static Carbon Co., H. H. Miller, Pres., 77 St. Paul St., Rochester, N. Y.
 Wright (Inc.), Charles B. Bacon, Pres., 405 Lexington Ave., New York, N. Y.

Spec. 427a, SEAMLESS BRASS TUBING

- American Brass Co., E. T. Ingham, Asst. sales Mgr., 414 Meadow St., Waterbury, Conn.
 American Tube Works, John J. Deevan, Treas., 10 Oliver St., Boston, Mass.
 Baltimore Tube Co. (Inc.), R. S. Stringer, V. Pres., Ostend & Wicomico Sts., Balto. Md. (Grade 3 only.)
 Bridgeport Brass Co., W. R. Webster, V. Pres., 774 E. Main St., Bridgeport, Conn.
 Chase Brass & Copper Co. (Inc.), Robert L. Coe, V. Pres., 236 Grand St., Waterbury, Conn.
 Jolley, J. H., & Co., John Jolley, jr., Mem. firm, 42 N. Fifth St., Phila., Pa.
 Mackenzie-Walton Co., John M. Mackenzie, Treas., Pawtucket Ave., Pawtucket, R. I. (Grades 1 and 3 only.)
 National Copper & Smelting Co., Homer B. Smith, Sec., 12120 Euclid Ave., Cleveland, Ohio. (Grade 1 only.)
 Paper & Textile Machinery Co., D. Lake, Treas., Sandusky, Ohio.
 Penn Brass & Copper Co., Karl W. Wilks, Gen. Mgr., 1120 W. 18th St., Erie, Pa.
 Rome Brass & Copper Co., L. A. Wiggins, sales Mgr., Bouch St., Rome, N. Y.
 Scovill Mfg. Co., F. J. Gorse, Asst. Treas., 99 Mill St., Waterbury, Conn. (Grade 2, Type C only.)
 United Wire & Supply Corp., H. W. Dittmeyer, sales Mgr., Providence, R. I.
 Wheeler, Foster, Corp., Thos. Bostock, Asst. Treas., Carteret, N. J.

Spec. 466, CONVEYOR BELTING (STITCHED DUCK)

- American Rubber Mfg. Co., J. Krattign, Sec., 1199 Park Ave., Oakland, Calif.
 Carpenter, Geo B., Co., Fred A. McLanehan, V. Pres., 440 N. Wells St., Chicago, Ill.
 Goodall Rubber Co. (Inc.), R. F. Slaughter, sales Mgr., 8th & Locust Sts., Phila., Pa.
 Hettrock Mfg. Co., M. J. Wagner, Mgr. belt Dept., 1401 Summit St., Toledo, Ohio.
 Imperial Belting Co., D. R. McKay, V. Pres., 400 N. Lincoln St., Chicago, Ill.
 Main Belting Co., W. H. Tobey, Treas., 1241 Carpenter St., Phila., Pa.
 Manheim Mfg. & Belting Co., M. G. Hess, Gen. Mgr., Manheim, Pa.
 Mt. Vernon-Woodberry Mills (Inc.), J. W. Easter, Sec., 201 E. Baltimore St., Balto., Md.
 Quaker City Rubber Co., H. R. Shellenberger, Sec., Comly & Milnor Sts., Wisconsin, Phila., Pa.
 Turner Halsey Co., H. W. Turner, V. Pres., 74 Leonard St., New York, N. Y.

Spec. 475b, BOILED LINSEED OIL

- Baer Bros., M. Baer, Mem. firm, 438 W. 37th St., New York, N. Y.
 Calbar Paint & Varnish Co., F. Elwees, V. Pres., 2620 Martha St., Phila., Pa.
 California Paint Co., M. S. Orrick, V. Pres., 1797 12th St., Oakland, Calif.
 Capitol Paint & Varnish Works (Inc.), H. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y.
 Certain-teed Products Corp., Dntro C. Cole, V. Pres., 100 E. 42d St., New York, N. Y.
 Cincinnati Oil Works Co., E. J. Bengert, V. Pres., 535 Eggleston Ave., Cincinnati, Ohio.
 Cook Paint & Varnish Co., V. H. Whitelaw, V. Pres., Kansas City, Mo.
 Eagle Paint & Varnish Works (Inc.), H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y.
 Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
 Fuller, W. P., & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
 Goodrich, William O., Co., W. H. Eastman, V. Pres., Hopkins Rd., Milwaukee, Wis.
 Hirst & Begley Linseed Works, J. L. Reque, Mgr., 2015 Mendel St., Chicago, Ill.
 Spencer Kellogg & Sons (Inc.), V. O. Ocer, Gen. sales Mgr., 98 Delaware Ave., Buffalo, N. Y.
 Lewis, John T. & Bros. Co., J. W. Gardiner, sales Mgr., 437 Chestnut St., Phila., Pa.

Mann Bros. Co., John J. Mann, V. Pres., 352 Ohio St., Buffalo, N. Y.
 Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balto., Md.
 National Lead Co., John Findlay, Asst. Mgr., 659 Freeman Ave., Cincinnati, Ohio.
 National Lead Co., (Atlantic branch) McWair, Asst. Mgr., 111 Broadway, New York, N. Y.
 Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
 Pittsburgh Plate Glass Co., H. E. Reeve, Agt., 2 Chester Ave., Newark, N. J.
 Red Spot Paint & Varnish Co., H. B. Bausland, Treas., 110 Main St., Evansville, Ind.

Sampson Paint & Color Co. (Inc.), F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va.
 Scientific Production Corp., Philip G. Strong, V. Pres., 3852 Grand Cent. Terminal, New York, N. Y.
 Shaw, George H., Co., L. F. Hanling, Treas., Middleboro, Mass.
 Thompson & Co., John L. Crowley, Supt., 857 W. North Ave., Pittsburgh, Pa.
 United Lead Co., Evans McCarty, V. Pres., 111 Broadway, New York, N. Y.
 Yates & Co. (Inc.), C. M. Yates, jr., Pres., 754 Folsom St., San Francisco, Calif.

Spec. 476, YELLOW CHROME (LEMON, MEDIUM AND ORANGE, DRY, PASTE IN OIL, PASTE IN JAPAN)

Adelphi Paint & Color Works (Inc.), Osser Einhorn, Pres., 86 St. Old South Rd., Woodhaven, Long Island, N. Y. (Paste in oil.)
 Alpers, W. A. Co., W. A. Alpers, Pres., 1039 W. 11th St., Cleveland, Ohio. (Paste in oil.)
 American Paint Works, R. D. Sullivan, V. Pres., 424 Josephine St., New Orleans, La. (Paste in oil and paste in japan.)
 Apex Color Works (Inc.), L. Liedeker, Sec., 50 W. Broadway, New York, N. Y. (Paste in oil; paste in japan.)
 Arco Co., David Andrew, V. Pres., 7301 Bessemer Ave., Cleveland, Ohio. (Paste in oil; paste in japan.)
 Arlington Paint & Varnish Co., A. B. Stellwagon, Mgr., 1329 Harrison Ave., SW., Canton, Ohio. (Paste in oil; paste in japan.)
 Arnesto Paint Co. (Inc.), M. Arnstern, Pres., 546 W. 46th St., New York, N. Y.
 Athey, C. M. Paint Co., C. M. Athey, Pres., 500 S. Hanover Co., Balto., Md. (Dry; paste in oil.)
 Baer Bros., M. Baer, Mem. firm., 438 W. 37th St., New York, N. Y. (Paste in oil; paste in japan.)
 Baltimore Paint & Color Works (Inc.), Morris Shuger, Pres., 148 S. Calverton Rd., Balto., Md.
 Benson Paint & Varnish Co., B. Y. Benson, Pres., Birmingham, Ala. (Paste in oil; paste in japan.)
 Blue Ribbon Paint Co., G. W. Vogt, V. Pres., 2321 Main St., Wheeling, W. Va. (Paste in oil; paste in japan.)
 Born, L., L. Born, Prop., 51 W. Queen St., Hampton, Va. (Paste in oil; paste in japan.)
 Bradford, James, Co., W. M. Francis, Pres., 212 Market St., Wilmington, Del.
 Bradley & Vrooman Co., E. M. Rosenthal, Sec., 2632 S. Dearborn St., Chicago, Ill. (Paste in oil; paste in japan.)
 Breinig (Inc.), W. B. Fuller, Gen. Mgr., 3d & Grand Sts., Hoboken, N. J. (Paste in oil.)
 Calbar Paint & Varnish Co., F. Elwees, V. Pres., 2620 Martha St., Phila., Pa. (Paste in oil; paste in japan.)
 California Ink Co. (Inc.), Paul W. Shattuck, V. Pres., 426 Battery St., San Francisco, Calif. (Dry; paste in oil.)
 California Paint Co., M. S. Orrick, V. Pres., 1797 12th St., Oakland, Calif.
 Capitol Paint & Varnish Works (Inc.), H. J. Gilbert, V. Pres., 259 Norman Ave., Brooklyn, N. Y. (Paste in oil.)
 Central Paint & Varnish Works, Bernard Barrich, Tech. Dir., 63 Prospect St., Brooklyn, N. Y. (Paste in oil.)

Certain-teed Products Corp., Dutro C. Cole, V. Pres., 100 E. 42d St., New York, N. Y.
 Chicago White Lead & Oil Co., Albert Engelsman, Asst. Sec., 1454 S. Western Ave., Chicago, Ill. (Paste in oil; paste in japan.)
 Cleveland Paint & Color Co., W. A. Alpers, Sec., 1039 W. 11th St., Cleveland, Ohio.
 Cook Paint & Varnish Co., V. H. Whitelaw, V. Pres., Kansas City, Mo. (Paste in oil; paste in japan.)
 Cooledge, F. J., & Sons (Inc.), Grier Martin, Sec., 12 N. Forsyth St., Atlanta, Ga. (Paste in oil; paste in japan.)
 Davis, H. B., Co., H. B. Davis, Pres., Bayard & Severn Sts., Balto., Md. (Paste in oil.)
 Dean & Barry Co., George W. McKay, Treas., 296 N. Water St., Columbus, Ohio.
 DeSoto Paint & Varnish Co., E. R. Herbert, sales promotion Dir., Broadway & Sommerville Sts., Memphis, Tenn. (Paste in oil; paste in japan.)
 Devoe & Reynolds Co. (Inc.), Richard B. Ayer, Tech. Dir., 1 W. 47th St., New York, N. Y.
 Dill, Marshall, Marshall Dill, owner, 216 Pine St., San Francisco, Calif. (Dry.) (Selling agent for G. Wilhelm Co., Reading, Pa.)
 Dolphin Paint & Varnish Co., J. Blum, 2d V. Pres., Champlain & Locust Sts., Toledo, Ohio. (Paste in oil; paste in japan.)
 Domino Paint Mfg. Co. (Inc.), F. O'Brien, Pres., 1330 St. Peter St., New Orleans, La. (Paste in oil.)
 Dozier & Gay Paint Co., J. H. Gay, Pres., 46th Bay St., Jacksonville, Fla.
 Eagle Paint & Varnish Works (Inc.), H. R. Hillman, Treas., 100 Lexington Ave., Brooklyn, N. Y. (Paste in oil.)
 Elkhart Enamel & Paint Corp., W. F. Steep, Gen. Mgr., Crawford St., Elkhart, Ind. (Paste in oil; paste in japan.)
 Felton-Sibley & Co. (Inc.), A. D. Graf, sales Mgr., 136 N. 4th St., Phila., Pa.
 Fitch-Riggall Paint & Varnish Co., A. Riggall, Pres., 315 Market St., Phila., Pa.
 Forman, Ford & Co., A. E. Clerihem, Pres., 111 Second St. S., Minneapolis, Minn. (Paste in oil.)
 Frey-Yenkin Paint Co., A. I. Yenkin, Mem. firm, 251 N. Sandusky St., Columbus, Ohio. (Paste in oil; paste in japan.)
 Fuller, W. P., & Co., C. B. Woodruff, V. Pres., 301 Mission St., San Francisco, Calif.
 Gates, J. M., Sons Co., D. H. Gates, Mgr., 27 Summers St., Charleston, W. Va.

- Globe Paint Co., Geo. B. Spicer, sales Mgr., 202 Market St., Williamsport, Pa. (Paste in oil; paste in japan.)
- Great Lakes Varnish Works, J. G. Shilvock, Pres., 2207 N. Crawford Ave., Chicago, Ill.
- Hancock Paint & Varnish Co., Edwin J. Heap, V. Pres., Atlantic, Mass. (Paste in oil.)
- Hanline Bros., Leon Hanline, Mem. firm, 23 S. Howard St., Balto., Md.
- Harper-Scott Paint Mfg. Co., H. C. Hain, Sec., 700 N. Main St., St. Louis, Mo.
- Hunt, J. W., J. W. Hunt, Prop., 1221 New York Ave., NW, Washington, D. C. (Paste in oil.)
- Imperial Color Works (Inc.), A. D. Brown, Gen. sales Mgr., Glens Falls, N. Y. (Dry.)
- Impervious Paint & Varnish Co., J. Peofe, Prop., 161 E. Allen St., Phila., Pa.
- Inland White Lead Co., C. Walton Aborn, Supt., 741 Boston Ave., Chicago, Ill. (Paste in oil; paste in japan.)
- Johnson, A. S., & Co., G. W. Johnson, Mgr., 1142 Broadway, Tacoma, Wash. (Paste in oil; paste in japan.)
- Johnson, Oliver & Co. (Inc.), Denison W. Greene, Treas., 18 Customs House St., Providence, R. I. (Paste in oil.)
- Johnston, R. F., Paint Co., A. Johnston, Pres., Pearl & Main Sts., Cincinnati, Ohio.
- Jones & Dillingham, H. L. Jones, Asst. Mgr., 713 First Ave., Spokane, Wash.
- Keystone Varnish Co., F. Etwell, Sec., 71 Otsego St., Brooklyn, N. Y. (Paste in oil.)
- Kohler-McLister Paint Co., F. McLister, Mgr., W. 13th & Osage Sts., Denver, Colo. (Paste in oil.)
- Lampton, Crane & Ramey Co., A. E. Warfield, V. Pres. in Charge of sales, 1201 Story Ave., Louisville, Ky. (Paste in oil; paste in japan.)
- Lawrence, W. W., & Co., C. D. Wettach, Pres., W. Carson St., Pittsburgh, Pa. (Paste in oil; paste in japan.)
- Leavitt, Louis, Phillip Leavitt, Mgr., 454 Driggs Ave., Brooklyn, N. Y. (Paste in oil.)
- Leitch Mfg. Co., J. Miners, V. Pres., 342 Madison Ave., New York, N. Y. (Paste in oil; paste in japan.)
- Lewis, John T., & Bros. Co., J. W. Gardiner, sales Mgr., 437 Chestnut St., Phila., Pa. (Dry; paste in oil.)
- Louisville Paint Mfg. Co., L. E. First, Sec., 1112 W. Main St., Louisville, Ky. (Paste in oil; paste in japan.)
- Lucas, John, & Co. (Inc.), James R. Allen, Mgr. marine Dept., 521 Washington St., New York, N. Y.
- Lucas, John, & Co. (Inc.), G. Johannes, Mgr. Ind. sales, 322 Race St., Phila., Pa.
- Mahoning Paint & Oil Co., B. Nichols, Sec., 653 Jones St., Youngstown, Ohio. (Paste in oil; paste in japan.)
- Marine Paint & Varnish Co. (Inc.), D. J. Devlin, V. Pres., 8301 Fig St., New Orleans, La. (Paste in oil; paste in japan.)
- Mathews Paint Co. (Inc.), J. M. Kelleher, Sec., 219 S. Los Angeles St., Los Angeles, Calif. (Paste in oil; paste in japan.)
- McDougall-Butler Co. (Inc.), J. W. Graves, V. Pres., 6 Evans St., Buffalo, N. Y. (Paste in oil; paste in japan.)
- McMurtry Mfg. Co., Allan Barr, salesman, 1533 Arapahoe St., Denver, Colo.
- Miller & Graham, August Miller, Mem. firm, 21 S. Gay St., Balt., Md. (Paste in oil.)
- Minnesota Linseed Oil Paint Co., E. J. McFarland, Sec., 1101 S. 3d St., Minneapolis, Minn. (Paste in oil; paste in japan.)
- Mobile Paint Mfg. Co., B. S. Butler, Pres., Dauphin & Water Sts., Mobile, Ala.
- Monad Paint & Varnish Co., D. J. McCrudden, jr., Prop., Roberts Ave. & Pa. R. R., Phila., Pa. (Paste in oil.)
- Moore, Benjamin, & Co., L. A. Diddle, Mgr., 4400 E. 71st St., Cleveland, Ohio. (Paste in oil.)
- Moore, Benjamin, & Co., Richard Moore, Mgr., 1600 S. Second St., St. Louis, Mo. (Paste in japan.)
- Mutual Paint Co., N. P. Malvern, Gen. Mgr., 700 Vandalia St., St. Paul, Minn.
- Mutual Paint Mfg. Co., W. Schmitt, Mgr., 826 S. 18th St., St. Louis, Mo. (Paste in oil; paste in japan.)
- Oakley Paint Mfg. Co., R. H. Oakley, Mgr., 727 Antonia St., Los Angeles, Calif.
- Paraffine, Cos. (Inc.), E. R. DeGraf, Mgr., paint Dept., 475 Brannan St., San Francisco, Calif.
- Parr Paint & Color Co., W. J. Parr, Pres., 18312 Syracuse Ave., Cleveland, Ohio. (Paste in oil.)
- Patek Bros. (Inc.), W. O. Schwarz, V. Pres., 230 E. Water St., Milwaukee, Wis.
- Peaslee Gaubert Paint & Varnish Co., H. Fitzpatrick, Asst. Mgr. trade sales, 233 N. 15th St., Louisville, Ky. (Paste in oil; paste in japan.)
- Perry & Derrick Co. (Inc.), F. J. Derrick, Pres., 906 Central Ave., Cincinnati, Ohio. (Paste in oil; paste in japan.)
- Phoenix Paint & Varnish Co., W. Gentry Hodgson, Sec., 124 Market St., Phila., Pa.
- Pittsburgh Plate Glass Co., H. E. Reeve, Agt., 2 Chester Ave., Newark, N. J. (Paste in oil; paste in japan.)
- Porter Paint Co., Paul T. Eitel, Asst. Sec., 401 S. 14th St., Louisville, Ky. (Paste in oil.)
- Red Spot Paint & Varnish Co., H. B. Bausland, Treas., 110 Main St., Evansville, Ind.
- Ridgway-Quest Co., T. F. Chamberlain jr., Asst. Treas., 2514 W. 48th Place, Chicago, Ill. (Paste in oil; paste in japan.)
- Ronan, T. J., Co. (Inc.), Arthur T. Ronan, V. Pres., 17 Atlantic Ave., Brooklyn, N. Y. (Paste in oil; paste in japan.)
- St. Louis Surfacers & Paint Co., H. Davis, Pres., 4200 Arlington Ave., St. Louis, Mo. (Paste in oil; paste in japan.)
- St. Paul White Lead & Oil Co., W. H. Sweeney, V. Pres., Water & Starkey Sts., St. Paul, Minn. (Paste in oil; paste in japan.)
- Sampson Paint & Color Co., F. J. Sampson, Pres., 1413 E. Main St., Richmond, Va. (Paste in oil; paste in japan.)
- Sargent-Gerke Co., W. H. Gerke, Pres., W. 15th & Big 4 R. R., Indianapolis, Ind.
- Scientific Production Corp., Philip G. Strong, V. Pres., 3852 Grand Cent. Terminal, New York N. Y. (Paste in oil; paste in japan.)
- Sewall Paint & Varnish Co., A. C. Bale, V. Pres., 1009 W. 8th, Kansas City, Mo. (Paste in oil; paste in japan.)
- Sheldon, Albert K., Co., Albert K. Sheldon, Pres., 187 Broadway, Cambridge, Mass. (Paste in oil; paste in japan.)
- Siegle, G., Corp. of America, S. S. Shiel, Treas., Chestnut Ave., Rosebank, Staten Island, N. Y. (Dry.)
- Sipe, James B., & Co., J. C. Adderly, V. Pres., 704 Chamber of Commerce Bldg., Pittsburgh, Pa. (Paste in oil.)

Solastic Products Co. (Inc.), H. J. Rudd, Pres., 3018 Ninth Ave., Seattle, Wash. (Paste in oil; paste in japan.)
 Spruance, Gilbert Co., Gilbert Spruance, Pres., Richmond & Tioga Sts., Phila., Pa. (Paste in oil; paste in japan.)
 Standard Paint & Lead Works (Inc.), A. C. Benstern, Treas., Willey on Big 4 R. R., Cleveland, Ohio. (Paste in oil.)
 Sterling Paint Co., N. D. Bergeron, Gen. Mgr., 6460 Green St., Emeryville, Calif. (Paste in oil.)
 Sterling Paint & Varnish Co., A. E. Cole, Pres., 170 Border St., East Boston, Mass. (Paste in oil.)
 Stewart Paint Mfg. Co., E. Stewart, Pres., 1729 Second St. N., Minneapolis, Minn. (Paste in oil.)
 Sunset Color Works, Reinhold H. Ivelli, Mgr., 40 East 1 South St., Salt Lake City, Utah. (Paste in oil; paste in japan.)
 Suydam, M. B., Co., R. S. Suydam, Pres., Island & Preble Aves., Pittsburgh, Pa. (Paste in oil; paste in japan.)
 Tampa Paint & Varnish Co., E. B. Cordon, Mgr., 104 Washington St., Tampa, Fla. (Paste in oil.)
 Thompson & Co., John L. Crowley, Supt., 857 W. North Ave., Pittsburgh, Pa. (Paste in oil.)
 Thomson Wood Finishing Co., Jack Binswanger, Tech. Dir., 829 N. Third St., Phila., Pa.
 Tibbetts, H. R. Paint Co., H. R. Tibbetts, V. Pres., 1616 E. 14th St., Los Angeles, Calif. (Paste in oil; paste in japan.)

Toch Bros. (Inc.), M. Toch, V. Pres., 443 4th Ave., New York, N. Y.
 Vallé Co., Dr. Cecilio D. Vallé, Pres., 4476 E. 71st St., Cleveland, Ohio.
 Varcraft Works (Inc.), F. A. Wertz, Prod. Mgr., Keim & Cross Sts., Pottstown, Pa. (Paste in oil.)
 Wamblu Corp., Emil M. Blatau, Sec., 1326 Ridge Road, Rochester, N. Y. (Paste in oil; paste in japan.)
 Warren Paint & Color Co., Raymond A. Perry, V. Pres., 700 Wedgewood Ave., Nashville, Tenn.
 West Chemical & Paint Co., H. M. Sorrick, Pres., Springport, Mich. (Paste in oil; paste in japan.)
 Western Paint & Varnish Co., J. C. Gelvant, V. Pres., foot of Herman Ave., Duluth, Minn. (Paste in oil; paste in japan.)
 Wetherill, Geo. D., & Co. (Inc.), S. D. Davis, Tech. Dir., 113 Arch St., Phila., Pa.
 Wilson Paint Co., A. W. Schoenig, Sec., 410 Reading Rd., Cincinnati, Ohio. (Paste in oil.)
 Witte, John H., Sons, William A. Witte, partner, Burlington, Iowa.
 Woolsey, C. A., Paint & Color Co., H. Woolsey, Sec., 500 Grand St., Jersey City, N. J.
 Yarnall Paint Co., Geo. B. Beitzel, V. Pres., Grays Ave. West of 54th St., Phila., Pa. (Paste in oil; paste in japan.)
 Yates & Co. (Inc.), C. M. Yates, jr., Pres., 754 Folsom St., San Francisco, Calif.

Spec. 484a, PAPER, MANIFOLD, 50 PER CENT RAG, WHITE AND COLORED, UNGLAZED
 (Now being revised.)

Spec. 485, ENCASED METALLIC GASKETS

Akron Metallic Gasket Co., A. H. Kinzel, Mgr., 150 N. Union St., Akron, Ohio.
 Fitzgerald Mfg. Co., M. D. Fitzgerald, V. Pres., 34 Barker St., Torrington, Conn.
 McCord Radiator Mfg. Co., Ford Wilders, 2588 E. Grand Blvd., Detroit, Mich.
 Metallo Gasket Co., Zeno Schultes, Pres., 12 Bethany St., New Brunswick, N. J.

Mikesell Co., H. S. Mikesell, Pres., 1223 S. Wabash Ave., Chicago, Ill.
 Phoenix Specialty Mfg. Co., A. H. Lowman, Sec., 155 Wooster St., New York, N. Y.
 Strong Machinery & Supply Co., Chas. E. Strong, Pres., 121 Spring St., New York, N. Y.
 United States Indestructible Gasket Co., Lewis J. Rebele, Sec., 829 E. 15th St., Brooklyn, N. Y.

Spec. 486, HARD FIBER SHEET PACKING

Delaware Hard Fiber Co., Wm. S. Rupert, Treas., Wilmington, Del.
 Duroyd Gasket & Die Mfg. Co., H. Paul Berger, Gen. Mgr., 1828 Amsterdam Ave., New York, N. Y.
 Hewitt-Gutta Percha Rubber Corp., F. V. Springer, V. Pres., 240 Kensington Ave., Buffalo, N. Y.
 National Vulcanized Fibre Co., W. F. Miller, Asst. Treas., Maryland Ave. & Beech Sts., Wilmington, Del.

Spaulding Fibre Co. (Inc.), Cecil M. Pike, Asst. Treas., 310 Wheeler St., Tonawanda, N. Y.
 Strong Machinery & Supply Co., Chas. E. Strong, Pres., 121 Spring St., New York, N. Y.
 Whitney, Jos. A., Jos. A. Whitney, 333 Arch St., Camden, N. J.

Spec. 487, ASBESTOS WICK AND ROPE PACKINGS

Anchor Packing Co., W. R. Haggart, V. Pres., 1014 Arch St., Phila., Pa.
 Asbestos Fibre Spinning Co., Wm. H. Huber, Pres., Elm Ave., North Wales, Pa.
 Asbestos Textile Co., Frank Smith, Asst. Sec., 475 Fifth Ave., New York, N. Y.
 Braiding & Packing Works of America, A. L. Markel, Treas., 250 46th St., Brooklyn, N. Y.
 Chesterton, A. W., Co., A. W. Chesterton, Pres., 64 India St., Boston, Mass.

Crandall Packing Co., A. R. Gillman, Treas., Palmyra, N. Y.
 Federal Metallic Packing Co., R. H. Osborn, Gen. Mgr., Foundry St., Wakefield, Mass.
 General Asbestos & Rubber Co., E. H. Jeffords, V. Pres., P. O. Box 67, N. Charleston, S. C.
 Johns-Manville Corp., J. Newman, Asst. Treas., 292 Madison Ave., New York, N. Y.
 Kearsbey & Mattison Co., J. M. Weaver, Gen. sales Mgr., Ambler, Pa.

- Mikesell Co., H. S. Mikesell, Pres., 1223 S. Wabash Ave., Chicago, Ill.
 National Asbestos Packing Mfg. Co. (Inc.), Fred W. Blank, Pres., 28½-30 Front St., New York, N. Y.
 Philadelphia Asbestos Co., Jas. Davis, jr., Sec., 2010 N. 10th St., Phila., Pa.
 Raybestos Co., Morton F. Judd, V. Pres., Railroad & Bostwick Ave., Bridgeport, Conn.
 Standard Packings Co., Ernest H. Smith, 6523 Euclid Ave., Cleveland, Ohio.
 Strong Machinery & Supply Co., Chas. E. Strong, Pres., 121 Spring St., New York, N. Y.
 United States Asbestos Co., O. H. Cillry, Sec., Steigel, St. Manheim, Pa.
 Whitney, Jos. A., Jos. A. Whitney, 333 Arch St., Camden, N. J.

Spec. 489, CAST-IRON PIPE FITTINGS (THREADED)

- Cornell & Underhill, C. G. Cornell, jr., sole owner, 311 Spring St., New York, N. Y.
 Crane Co., C. D. Little, V. Pres. charge of sales, 836 S. Michigan Ave., Chicago, Ill.
 Grinnell Co. (Inc.), Russell Bontecon, sales Mgr. supply Div., 260 W. Exchange St., Providence, R. I.
 Jarecki Mfg. Co., Alex. Jarecki, Pres., Erie, Pa.
 Keating, E. F., Co., E. F. Keating, Pres., 452 Water St., New York, N. Y.
 Kries, Henry A., & Sons, C. A. Kries, Treas., 6 W. Lombard St., Balto., Md.
 Lead Lined Iron Pipe Co., Thomas E. Dwyer, Pres., Broadway, Wakefield, Mass.
 Limbert, Geo. B., & Co., D. C. Showers, V. Pres., 570 Fulton St., Chicago, Ill.
 Moser Mfg. Co., H. Hollingsworth, Pres., Wilcox Road, Kane, Pa.
 Newbury Mfg. Co., F. A. Newbury, Monroe, N. Y.
 Pittsburgh Valve & Fittings Co., C. L. Selkregg, V. Pres., Barberton, Ohio.
 Rudisill Soil Pipe Co., H. B. Rudisill, Pres., P. O. Box 137, Anniston, Ala.
 United Iron Works (Inc.), D. C. Morrow, Pres., 4th & Griffin Sts., Okmulgee, Okla.

Spec. 497a, WOOL BUNTING

- Carpenter, Geo. B., & Co., Thomas D. Lewis, Mgr., cotton goods Dept., 440 N. Wells St., Chicago, Ill.
 Detroit Canvas Co., Lester E. Jaqua, Pres., 166 Jefferson Ave., E. Detroit, Mich.
 Henry, C. J., Co., Virgil J. Oliver, Mgr., 27 Main St., San Francisco, Calif.
 Turner, Halsey Co., H. W. Turner, V. Pres., 74 Leonard St., New York, N. Y.
 United States Bunting Co., C. Brooks Stevens, Treas., Crosby St., Lowell, Mass.
 Wellington, Sears & Co., Charles O. Richardson, Mem. firm, 93 Franklin St., Boston, Mass.

Spec. 493, WHITE TABLE OILCLOTH

- F & K Shade Co., Jacob Frendenheimer, 22 Strawberry St., Phila., Pa.
 Herring, M., Co., M. Herring, owner, 115 Franklin St., New York, N. Y.
 Wadsworth & Woodman Co., H. S. Woodman, Treas., Summer St., Withrop, Me.

Spec. 499, JUTE BURLAP

- Arkell & Smiths, P. T. Bowden, V. Pres., Gen. Mgr., Mill St., Canajoharie, N. Y.
 Bacon Mfg. Co., Edward W. Bacon, Pres., 100 Main St., Belleville, N. J.
 Bonar, Thomas, Co. (Inc.), Hayes S. Shimp, V. Pres., 54 Worth St., New York, N. Y.
 Burkart, F., Mfg. Co., M. A. Grosjean, Asst. Sec., 4900 N. 2d St., St. Louis, Mo.
 Carpenter, Geo. B., Co., Thomas D. Lewis, Mgr. Cotton Goods Dept., 440 N. Wells St., Chicago, Ill.
 Central Bag & Burlap Co., H. S. Eckhouse, Sec., 4513 S. Weston Blvd., Chicago, Ill.
 Chase Bag Co., Deane Hall, Sec., 250 W. 57th St., New York, N. Y.
 Chase, H. & F., Wm. A. Lefavour, Mgr., 267 Atlantic Ave., Boston, Mass.
 Cohen, Harry, & Co., George Cohen, Mem. firm, 3436 Klickitat Ave., Seattle, Wash.
 Dayton Bag & Burlap Co., J. E. Finn, V. Pres., 38 S. Canal St., Dayton, Ohio.
 Detroit Canvas Co., Lester E. Jaqua, Pres., 166 Jefferson Ave., E., Detroit, Mich.
 Feitel, Dan W., Bag Co. (Ltd.), Benj. Franklin Feitel, Sec., Plymouth, Adams, John & Pearl Sts., Brooklyn, N. Y.
 General Fiber Co., Nathan Gumbin, Treas., Union & Lumber Sts., Chicago, Ill.
 Harris Co. (Inc.), Chas. E. Howell, Dir. 106 Worth St., New York, N. Y.
 Hill Ingram Co., Hill Ingram, owner, 50 Cliff St., New York, N. Y.
 Lawson, Jacob, Bag Co., Oliver M. Lawson, Treas., 264 Water St., New York, N. Y.
 Mente & Co. (Inc.), R. B. Parker, sales Dept., 1430 S. Peters St., New Orleans, La.
 Mitsui & Co. (Ltd.), T. Ukal, Asst. Mgr., New York Branch, 65 Broadway, New York, N. Y.
 Philadelphia Bag Co., F. M. Underkuffler, Treas., 86 Tasker St., Phila., Pa.
 Pottash Bros. Co., Max Pottash, Treas., Water & Wolf Sts., Phila., Pa.
 Southern States Bag Co., George D. Green, Sec., Tallyrand Ave., Jacksonville, Fla.
 Star Sanitary Bag Co., Chas F. Neilson, jr., 2235 Ford Ave., Chicago, Ill.
 Steinberg, M., & Son (Inc.), Adolph Steinberg, Sec., 163 Mercer St., New York, N. Y.
 Whitridge & Co., Morris Whitridge, Mem. firm, 1407 Philpot St., Balto., Md.

Spec. 500, COTTON TABLECLOTHS

Bradford Textile Co., N. K. Chisholm, owner, 31 Edinboro St., Boston, Mass.	Roloson Mfg. Co. (Inc.), B. U. Dotson, V. Pres., 121 W. Water St., Lima, Ohio.
Elliott Granite Linen Corp., James M. Walsh, Pres., 44 White St., New York, N. Y.	Wellbrock, Moreland Textile Co., J. H. Moreland, V. Pres., 43 Leonard St., New York, N. Y.
Herring, M., Co., M. Herring, owner, 115 Franklin St., New York, N. Y.	

Spec. 501, PLAIN VELVET CARPETS

Breslin Bros. Carpet Co. (Inc.), John L. McCloskey, Pres., 6th & Powell Sts., Gloucester, N. J.	Roxbury Carpet Co., Henry B. Sprague, Treas., McGrath Square, Saxonville, Mass.
Hardwick & Magee Co., Philip A. Hall, Dir., 650 W. Lehigh Ave., Phila., Pa.	Treganowan, Ernest (Inc.), Ernest Treganowan, Pres., 37 W. 47th St., New York, N. Y.
Hirst-Roger Co., John T. Kommer, Treas., Allegheny & Kensington Ave., Phila., Pa.	Whittall, M. J., Associates (Ltd.), Mathew P. Whittall, Pres., Brussels St., Worcester, Mass.
Magee Carpet Co., W. Law, Pres., Bloomsburg, Pa.	
Mohawk Carpet Mills (Inc.), Howard L. Shuttle- worth, V. Pres., Amsterdam, N. Y.	

Spec. 502, AXMINSTER CARPETS AND RUGS

Hightstown Rug Co., C. Herbert Davison, Pres., Hightstown, N. J.	Roxbury Carpet Co., Henry B. Sprague, Treas., McGrath Square, Saxonville, Mass.
Hodges Carpet Co., Victor G. Buettell, Treas., 295 Fifth Ave., New York, N. Y.	Treganowan, Ernest (Inc.), Ernest Treganowan, 37 W. 47th St., New York, N. Y.
Mohawk Carpet Mills (Inc.), Howard L. Shuttle- worth, V. Pres., Amsterdam, N. Y.	

Spec. 503, WILTON CARPETS AND RUGS

Barrymore Seamless Miltons (Inc.), C. S. Newton, Mgr., Clearfield & A Sts., Phila., Pa.	Mohawk Carpet Mills (Inc.), Howard L. Shuttle- worth, V. Pres., Amsterdam, N. Y.
Breslin Bros. Carpet Co. (Inc.), John L. McCloskey, Pres., 6th & Powell Sts., Gloucester, N. J.	Roxbury Carpet Co., Henry B. Sprague, Treas., McGrath Square, Saxonville, Mass.
Cambria Carpet Co., John H. Davidson, Pres., 1528 N. Randolph St., Phila., Pa. (Wilton Carpet.)	Treganowan, Ernest (Inc.), Ernest Treganowan, Pres., 37 W. 47th St., New York, N. Y.
Gulbenkian Seamless Rug Co., Charles L. Fitterly, V. Pres. & Gen. Mgr., Fulton St., New Brunswick, N. J.	Whittall, M. J., Associates (Ltd.), Mathew P. Whittall, Pres., Brussels St., Worcester, Mass.
Hardwick & Magee Co., Philip A. Hall, Dir., 650 W. Lehigh Ave., Phila., Pa.	

Spec. 511, BROOMS, METAL CASE

Blandon Broom Works, B. W. Ziegler, Sec., Blandon, Pa.	Steiert, A., & Son, Russell Wangner, Gen. Mgr., Front & Reed Sts., Phila., Pa.
Hamburg Broom Works, H. E. Seaver, Treas., Pine St., Hamburg, Pa.	Stratton Broom Co., M. B. Stratton, Mgr., 1556 Deloss St., Indianapolis, Ind.
Lay, Jos., Co., Frank Harker, Sec., Portland, Ind.	United States Broom Co. (Inc.), F. W. Shaw, Sec., 2356 Boies Ave., Davenport, Iowa.
Red Hill Broom Works, Irwin Richard, Prop., Red Hill, Pa.	United States Chemical Co., V. W. Mider, Gen. Mgr., Greenville, Ohio.
Sider, S. W., Broom Works, S. W. Sider, Prop., Wheatland Ave., Logansport, Ind.	

Spec. 512, BRUSHES, FLOWING, BADGER HAIR

Atlas Brush Corp., B. K. Throckmorton, Sec., 160 John St., Brooklyn, N. Y.	Rubberset Co., T. B. Denton, V. Pres., 56 Ferry St., Newark, N. J.
Baker Brush Co. (Inc.), Harry Shulman, Sec., 83 Grand St., New York, N. Y.	Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres., 34 Hubert St., New York, N. Y.
Eberhard, Jos. F. & Son (Inc.), Michael Celeuza, Pres., 383 Pearl St., New York, N. Y.	United Brush Manufactories, T. V. Schinven, Treas., 116 Wooster St., New York, N. Y.
Hanlon & Goodman Co., Geo. E. Goodman, Treas., 6 Riverside Ave., Belleville, N. J.	Whiting Adams Co., Henry H. Hill, Pres., 690 Harrison Ave., Boston, Mass.
Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781 E. 135th St., New York, N. Y.	

Spec. 513, BRUSHES, FLOWING, CAMEL HAIR

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| Atlas Brush Corp., B. K. Throckmorton, Sec., 160
John St., Brooklyn, N. Y. | Rubberset Co., T. B. Denton, V. Pres., 56 Ferry St.,
Newark, N. J. |
| Baker Brush Co. (Inc.), Harry Shulman, Sec., 83
Grand St., New York, N. Y. | Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres.,
34 Hubert St., New York, N. Y. |
| Eberhard, Jos. F., & Son, Michael Celeuza, Pres.,
388 Pearl St., New York, N. Y. | United Brush Manufactories, T. V. Schinven,
Treas., 116 Wooster St., New York, N. Y. |
| Hanlon & Goodman Co., G. E. Goodman, Treas., 6
Riverside Ave., Belleville, N. J. | Whiting-Adams Co., Henry Hill, Pres., 690 Harri-
son Ave., Boston, Mass. |
| Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781
E. 135th St., New York, N. Y. | |

Spec. 514, BRUSHES, FLOWING, FITCH OR SKUNK HAIR

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| Atlas Brush Corp., B. K. Throckmorton, Sec., 160
John St., Brooklyn, N. Y. | Marcus Brush Co. (Inc.), Esther Marcus, Sec.,
781 E. 135th St., New York, N. Y. |
| Baker Brush Co. (Inc.), Harry Shulman, Sec., 83
Grand St., New York, N. Y. | Rubberset Co., T. B. Denton, V. Pres., 56 Ferry St.,
Newark, N. J. |
| Eberhard, Jos. F., & Son (Inc.), Michael Celeuza,
Pres., 388 Pearl St., New York, N. Y. | Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres.,
34 Hubert St., New York, N. Y. |
| Hanlon & Goodman Co., G. E. Goodman, Treas.,
6 Riverside Ave., Belleville, N. J. | United Brush Manufactories, T. V. Schinven, Treas.,
116 Wooster St., New York, N. Y. |
| Kip Brush Co., A. C. Postley, Pres., 449 Greenwich
St., New York, N. Y. | Whiting-Adams Co., Henry H. Hill, Pres., 690
Harrison Ave., Boston, Mass. |

Spec. 515, BRUSHES, PAINT, FLAT METAL BOUND (HIGH GRADE)

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| Atlas Brush Corp., B. K. Throckmorton, Sec., 160
John St., Brooklyn, N. Y. | Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781
E. 135th St., New York, N. Y. |
| Baker Brush Co. (Inc.), Harry Shulman, Sec., 83
Grand St., New York, N. Y. | Rubberset Co., T. B. Denton, V. Pres., 56 Ferry St.,
Newark, N. J. |
| Burton-Boston Brush Co., P. H. Thayer, Pres., 122
Harvard St., Cambridge, Mass. | Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres.,
34 Hubert St., New York, N. Y. |
| Eberhard, Jos. F., & Son (Inc.), Michael Celeuza,
Pres., 388 Pearl St., New York, N. Y. | Sheets, W. H., jr., & Co., J. C. McGonigle, Mgr.,
121 S. Charles St., Balto., Md. |
| Hanlon & Goodman Co., G. E. Goodman, Treas., 6
Riverside Ave., Belleville, N. J. | United Brush Manufactories, T. V. Schinven,
Treas., 116 Wooster St., New York, N. Y. |
| Kip Brush Co., A. C. Postley, Pres., 449 Greenwich
St., New York, N. Y. | Whiting-Adams Co., Henry H. Hill, Pres., 690 Har-
rison Ave., Boston, Mass. |
| Linzer, David, & Sons, Aaron Linzer, Partner, 358
Bowery, New York, N. Y. | |

Spec. 516, BRUSHES, PAINT, FLAT METAL BOUND (MEDIUM GRADE)

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| Atlas Brush Corp., B. K. Throckmorton, Sec., 160
John St., Brooklyn, N. Y. | Linzer, David, & Sons, Aaron Linzer, Partner, 358
Bowery, New York, N. Y. |
| Baker Brush Co. (Inc.), Harry Shulman, Sec., 83
Grand St., New York, N. Y. | Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781
E. 135th St., New York, N. Y. |
| Burton-Boston Brush Co., P. H. Thayer, Pres., 122
Harvard St., Cambridge, Mass. | Rubberset Co., T. B. Denton, V. Pres., 56 Ferry
St., Newark, N. J. |
| Eberhard, Jos. F., & Son (Inc.), Michael Celeuza,
Pres., 388 Pearl St., New York, N. Y. | Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres.,
34 Hubert St., New York, N. Y. |
| Hanlon & Goodman Co., G. E. Goodman, Treas., 6
Riverside Ave., Belleville, N. J. | United Brush Manufactories, T. V. Schinven,
Treas., 116 Wooster St., New York, N. Y. |
| Kip Brush Co., A. C. Postley, Pres., 449 Greenwich
St., New York, N. Y. | Whiting-Adams Co., Henry H. Hill, Pres., 690 Har-
rison Ave., Boston, Mass. |

Spec. 517, BRUSHES, RADIATOR BRONZING

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| Atlas Brush Corp., B. K. Throckmorton, Sec., 160
John St., Brooklyn, N. Y. | Rubberset Co., T. B. Denton, V. Pres., 56 Ferry
St., Newark, N. J. |
| Baker Brush Co. (Inc.), Harry Shulman, Sec., 83
Grand St., New York, N. Y. | Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres.,
34 Hubert St., New York, N. Y. |
| Hanlon & Goodman Co., G. E. Goodman, Treas.,
6 Riverside Ave., Belleville, N. J. | United Brush Manufactories, T. V. Schinven,
Treas., 116 Wooster St., New York, N. Y. |
| Kip Brush Co., A. C. Postley, Pres., 449 Greenwich
St., New York, N. Y. | Whiting-Adams Co., Henry H. Hill, Pres., 690 Har-
rison Ave., Boston, Mass. |
| Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781
E. 135th St., New York, N. Y. | |

Spec. 518, BRUSHES, ROOF, KNOTTED STYLE, THREE KNOTS

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| Atlas Brush Corp., B. K. Throckmorton, Sec., 160
John St., Brooklyn, N. Y. | Rubberset Co., T. B. Denton V. Pres., 56 Ferry St.,
Newark, N. J. |
| Baird Brush Mfg. Co. (Inc.), R. H. Robb, Pres.,
829 Wood St., Oakland, Calif. | Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres.,
34 Hubert St., New York, N. Y. |
| Burton-Boston Brush Co., P. H. Thayer, Pres., 122
Harvard St., Cambridge, Mass. | United Brush Manufactories, T. V. Schinven, Treas.,
116 Wooster St., New York, N. Y. |
| Detroit Quality Brush Mfg. Co., T. Weinblum,
Mgr., 3444 Wesson Ave., Detroit, Mich. | United States Brush Co., Carl J. Nagl, Mgr., 4301
N. 28th St., Omaha, Neb. |
| Hanlon & Goodman Co., G. E. Goodman, Treas.,
6 Riverside Ave., Belleville, N. J. | VanTine, Bartlett & Jones (Inc.), P. A. Jones, Pres.,
Jonesville, Mich. |
| Linzer, David, & Sons, Aaron Linzer, Partner, 358
Bowery, New York, N. Y. | Weil-Ransom Co., Albert Ransom, jr., Treas., 816
Fulton St., Chicago, Ill. |
| Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781
E. 135th St., New York, N. Y. | Whiting-Adams Co., Henry H. Hill, Pres., 690
Harrison Ave., Boston, Mass. |
| Northwestern Mfg. Co., C. K. Smith, Pres., 1324
Capitol Ave., Omaha, Neb. | |

Spec. 519, BRUSHES, STENCIL (FLAG ENDS CUT)

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| Atlas Brush Corp., B. K. Throckmorton, Sec., 160
John St., Brooklyn, N. Y. | Rubberset Co., T. B. Denton, V. Pres., 56 Ferry St.,
Newark, N. J. |
| Baker Brush Co. (Inc.), Harry Shulman, Sec., 83
Grand St., New York, N. Y. | Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres.,
34 Hubert St., New York, N. Y. |
| Burton-Boston Brush Co., P. H. Thayer, Pres., 122
Harvard St., Cambridge, Mass. | United Brush Manufactories, T. V. Schinven,
Treas., 116 Wooster St., New York, N. Y. |
| Hanlon & Goodman Co., G. E. Goodman, Treas.,
6 Riverside Ave., Belleville, N. J. | Whiting-Adams Co., Henry H. Hill, Pres., 690
Harrison Ave., Boston, Mass. |
| Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781
E. 135th St., New York, N. Y. | |

Spec. 520, BRUSHES, STENCIL (FLAG ENDS PRESERVED)

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| Atlas Brush Corp., B. K. Throckmorton, Sec., 160
John St., Brooklyn, N. Y. | Rubberset Co., T. B. Denton, V. Pres., 56 Ferry St.,
Newark, N. J. |
| Baker Brush Co. (Inc.), Harry Shulman, Sec., 83
Grand St., New York, N. Y. | Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres.,
34 Hubert St., New York, N. Y. |
| Hanlon & Goodman Co., G. E. Goodman, Treas.,
6 Riverside Ave., Belleville, N. J. | United Brush Manufactories, T. V. Schinven, Treas.,
116 Wooster St., New York, N. Y. |
| Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781
E. 135th St., New York, N. Y. | Whiting-Adams Co., Henry H. Hill, Pres., 690 Har-
rison Ave., Boston, Mass. |

Spec. 521, BRUSHES, VARNISH, FLAT (HIGH GRADE)

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| Atlas Brush Corp., B. K. Throckmorton, Sec., 160
John St., Brooklyn, N. Y. | Linzer, David, & Sons, Aaron Linzer, Partner, 358
Bowery, New York, N. Y. |
| Baker Brush Co. (Inc.), Harry Shulman, Sec., 83
Grand St., New York, N. Y. | Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781
E. 135th St., New York, N. Y. |
| Burton-Boston Brush Co., P. H. Thayer, Pres., 122
Harvard St., Cambridge, Mass. | Rubberset Co., T. B. Denton, V. Pres., 56 Ferry
St., Newark, N. J. |
| Eberhard, Jos. F., & Son (Inc.), Michael Celeuza,
Pres., 388 Pearl St., New York, N. Y. | Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres.,
34 Hubert St., New York, N. Y. |
| Hanlon & Goodman Co., G. E. Goodman, Treas.,
6 Riverside Ave., Belleville, N. J. | United Brush Manufactories, T. V. Schinven, Treas.,
116 Wooster St., New York, N. Y. |
| Kip Brush Co., A. C. Postley, Pres., 449 Greenwich
St., New York, N. Y. | Whiting-Adams Co., Henry H. Hill, Pres., 690 Har-
rison Ave., Boston, Mass. |

Spec. 522, BRUSHES, VARNISH, FLAT (MEDIUM GRADE)

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| Atlas Brush Corp., B. K. Throckmorton, Sec., 160
John St., Brooklyn, N. Y. | Linzer, David, & Sons, Aaron Linzer, Partner, 358
Bowery, New York, N. Y. |
| Baker Brush Co. (Inc.), Harry Shulman, Sec., 83
Grand St., New York, N. Y. | Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781
E. 135th St., New York, N. Y. |
| Burton-Boston Brush Co., P. H. Thayer, Pres., 122
Harvard St., Cambridge, Mass. | Rubberset Co., T. B. Denton, V. Pres., 56 Ferry St.,
Newark, N. J. |
| Eberhard, Jos. F., & Son (Inc.), Michael Celeuza,
Pres., 388 Pearl St., New York, N. Y. | Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres.,
34 Hubert St., New York, N. Y. |
| Hanlon & Goodman Co., G. E. Goodman, Treas.,
6 Riverside Ave., Belleville, N. J. | United Brush Manufactories, T. V. Schinven, Treas.,
116 Wooster St., New York, N. Y. |
| Kip Brush Co., A. C. Postley, Pres., 449 Greenwich
St., New York, N. Y. | Whiting-Adams Co., Henry H. Hill, Pres., 690 Har-
rison Ave., Boston, Mass. |

Spec. 523, BRUSHES, WALL STIPPLING

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| <p>Atlas Brush Corp., B. K. Throckmorton, Sec., 160 John St., Brooklyn, N. Y.</p> <p>Bermes, Daniel, Co., G. F. Sauer, jr., Pres., 114—44th St., Union City, N. J.</p> <p>Burton-Boston Brush Co., P. H. Thayer, Pres., 122 Harvard St., Cambridge, Mass.</p> <p>Culicover & Shapiro, Gershon Shapiro, Prop., 252 Pearl St., New York, N. Y.</p> <p>Detroit Quality Brush Mfg. Co., T. Weinblum, Mgr., 3444 Wesson Ave., Detroit, Mich.</p> <p>Hanlon & Goodman Co., G. E. Goodman, Treas., 6 Riverside Ave., Belleville, N. J.</p> <p>Herold Bros. Co., K. C. Herold, V. Pres., 1104 N. 9th St., Cleveland, Ohio.</p> <p>Linzer, David, & Sons., Zaron Linzer, partner, 358 Bowery, New York, N. Y.</p> | <p>Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781 E. 135th St., New York, N. Y.</p> <p>Michigan Brush Mfg. Co. (Inc.), Samuel Scott, Pres., 3701 Mich. Ave., Detroit, Mich.</p> <p>Rubberset Co., T. B. Denton, V. Pres., 56 Ferry St., Newark, N. J.</p> <p>Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres., 34 Hubert St., New York, N. Y.</p> <p>United Brush Manufactories, T. V. Schinven, Treas., 116 Wooster St., New York, N. Y.</p> <p>Whiting-Adams Co., Henry H. Hill, Pres., 690 Harrison Ave., Boston, Mass.</p> <p>Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.</p> |
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Spec. 524, BRUSHES, WHITEWASH

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| <p>Atlas Brush Corp., B. K. Throckmorton, Sec., 106 John St., Brooklyn, N. Y.</p> <p>Burton-Boston Brush Co., P. H. Thayer, Pres., 122 Harvard St., Cambridge, Mass.</p> <p>Detroit Quality Brush Mfg. Co., T. Weinblum, Mgr., 3444 Wesson Ave., Detroit, Mich.</p> <p>Hanlon & Goodman Co., G. E. Goodman, Treas., 6 Riverside Ave., Belleville, N. J.</p> <p>Kip Brush Co., A. C. Postley, Pres., 449 Greenwich St., New York, N. Y.</p> <p>Linzer, David, & Sons., Aaron Linzer, partner, 358 Bowery, New York, N. Y.</p> <p>Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781 E. 135th St., New York, N. Y.</p> <p>Rubberset Co., T. B. Denton, V. Pres., 56 Ferry St., Newark, N. J.</p> | <p>Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres., 34 Hubert St., New York, N. Y.</p> <p>Standard Broom & Brush Co., G. S. Schwartz, owner, Portland, Ind.</p> <p>Star Brush Mfg. Co. (Inc.), R. I. Bull, Gen. Mgr., Hunters Point Ave. at Manley, Long Island City, N. Y.</p> <p>United Brush Manufactories, T. V. Schinven, Treas., 116 Wooster St., New York, N. Y.</p> <p>Whiting-Adams Co., Henry H. Hill, Pres., 690 Harrison Ave., Boston, Mass.</p> <p>Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.</p> |
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Spec. 525, DUSTERS, PAINTERS', FLAT

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| <p>Brenner, A., A. Brenner, 12 N. 3d St., Phila., Pa.</p> <p>Burton-Boston Brush Co., P. H. Thayer, Pres., 122 Harvard St., Cambridge, Mass.</p> <p>Culicover & Shapiro, G. Shapiro, Prop., 252 Pearl St., New York, N. Y.</p> <p>Detroit Quality Brush Mfg. Co., T. Weinblum, Mgr., 3444 Wesson Ave., Detroit, Mich.</p> <p>Eberhard, Jos. F., & Son (Inc.), Michael Celeuza, Pres., 388 Pearl St., New York, N. Y.</p> <p>Hanlon & Goodman Co., G. E. Goodman, Treas., 6 Riverside Ave., Belleville, N. J.</p> <p>Kip Brush Co., A. C. Postley, Pres., 449 Greenwich St., New York, N. Y.</p> <p>Liberty Brush Co., Hyman Ziserman, Prop., 959 N. 5th St., Phila., Pa.</p> <p>Linzer, David, & Sons., Aaron Linzer, partner, 358 Bowery, New York, N. Y.</p> <p>Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781 E. 135th St., New York, N. Y.</p> | <p>Michigan Brush Mfg. Co. (Inc.), Samuel Scott, Pres., 3701 Mich. Ave., Detroit, Mich.</p> <p>Moran Bros., G. F. Moran, partner, 10 Whiting St., New Haven, Conn.</p> <p>Rubberset Co., T. B. Denton, V. Pres., 56 Ferry St., Newark, N. J.</p> <p>Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres., 34 Hubert St., New York, N. Y.</p> <p>Thum, Chas. D., C. K. Van Rensselaer, Mgr., 137 Race St., Phila., Pa.</p> <p>United Brush Manufactories, T. V. Schinven, Treas., 116 Wooster St., New York, N. Y.</p> <p>Weil-Ransom Co., Albert Ransom, jr., Treas., 816 Fulton St., Chicago, Ill.</p> <p>Whiting-Adams Co., Henry H. Hill, Pres., 690 Harrison Ave., Boston, Mass.</p> <p>Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.</p> |
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Spec. 526, DUSTERS, PAINTERS', ROUND

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| <p>Brenner, A., A. Brenner, 12 N. 3d St., Phila., Pa.</p> <p>Burton-Boston Brush Co., P. H. Thayer, Pres., 122 Harvard St., Cambridge, Mass.</p> <p>Culicover & Shapiro, G. Shapiro, Prop., 252 Pearl St., New York, N. Y.</p> <p>Detroit Quality Brush Mfg. Co., T. Weinblum, Mgr., 3444 Wesson Ave., Detroit, Mich.</p> <p>Eberhard, Jos. F., & Son (Inc.), Michael Celeuza, Pres., 388 Pearl St., New York, N. Y.</p> | <p>Empire Brush Works, J. Bruce Howard, Mgr., 63 Park Row, New York, N. Y.</p> <p>Hanlon & Goodman Co., G. E. Goodman, Treas., 6 Riverside Ave., Belleville, N. J.</p> <p>Kip Brush Co., A. C. Postley, Pres., 449 Greenwich St., New York, N. Y.</p> <p>Liberty Brush Co., Hyman Ziserman, Prop., 959 N. 5th St., Phila., Pa.</p> |
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- Linzer, David, & Sons, Aaron Linzer, partner, 358 Bowery, New York, N. Y.
 Marcus Brush Co. (Inc.), Esther Marcus, Sec., 781 E. 135th St., New York, N. Y.
 Michigan Brush Mfg. Co. (Inc.), Samuel Scott, Pres., 3701 Mich. Ave., Detroit, Mich.
 Moran Bros., G. F. Moran, partner, 10 Whiting St., New Haven, Conn.
 Ridgely Trimmer Co., C. K. Hullinger, Treas., Kenton St., Springfield, Ohio.
 Rubberset Co., T. B. Denton, V. Pres., 56 Ferry St., Newark, N. J.
 Rubico Brush Mfrs. (Inc.), Isidor A. Rubin, Pres., 34 Hubert St., New York, N. Y.
- Sheets, W. H., jr., & Co., J. P. McGonigle, Mgr., 121 S. Charles St., Balto., Md.
 Thum, Chas. D., C. K. Van Rensselaer, Mgr., 137 Race St., Phila., Pa.
 United Brush Manufactories, T. V. Schinven, Treas., 116 Wooster St., New York, N. Y.
 Weil-Ransom Co., Albert Ransom, jr., Treas., 816 Fulton St., Chicago, Ill.
 Whiting-Adams Co., Henry H. Hill, Pres., 690 Harrison Ave., Boston, Mass.
 Young & Swartz (Inc.), R. E. Winzig, Sec., 39 Cherry St., Buffalo, N. Y.

Spec. 535, MALLEABLE IRON PIPE FITTINGS (THREADED) (150 LB.)

- Cornell & Underhill, C. G. Cornell, jr., sole owner, Spring & Greenwich Sts., New York, N. Y.
 Crane Co., C. D. Little, V. Pres., charge of sales, 836 S. Michigan Ave., Chicago, Ill.
 Flagg, Stanley G., Co. (Inc.), Stanley G. Flagg, Pres., 1421 Chestnut St., Phila., Pa.
 Jarecki Mfg. Co., Alex. Jarecki, Pres., Erie, Pa.
 Jefferson Union Co., Daniel T. Groff, V. Pres., 440 Mass. Ave., Lexington, Mass.
 Keating, E. F., Co., E. F. Keating, Pres., 452 Water St., New York, N. Y.
- Kries, Henry A., & Sons, C. A. Kries, Treas., 6 W. Lombard St., Balto., Md.
 Lead Line Iron Pipe Co., Thomas E. Dwyer, Pres. Broadway, Wakefield, Mass.
 Limbert, Geo. B., & Co., D. C. Showers, V. Pres., 570 Fulton St., Chicago, Ill.
 Newbury Mfg. Co., F. H. Newbury, Monroe, N. Y.
 Pittsburgh Valve & Fittings Co., C. L. Selkregg, V. Pres., Newell St., Barberton, Ohio.

Spec. 540a, MOSQUITO NETTING (UNBLEACHED BOBBINET)

- American Bobbinet Co., Chas. L. A. Diamond, Treas., LaFayette St., Newburgh, N. Y.
 Carpenter, Geo. B., & Co., Thos. D. Lewis, Mgr. cotton goods Dept., 440 N. Wells St., Chicago, Ill.
 Detroit Canvas Co., L. E. Jaqua, Pres., 166 Jefferson Ave., E., Detroit, Mich.
- Liberty Lace & Netting Works (Inc.), Clement J. Driscoll, Sec., 106 W. 38th St., New York, N. Y.
 Peterffy, Ernest, & Co., Ernest Peterffey, Partner, 354 Fourth Ave., New York, N. Y.

Spec. 555b, SHADE CLOTH

- American Shade Cloth Co., Joseph A. Kosek, Mgr., 508 Market St., Phila., Pa.
 Breneman, Chas. W., Co., C. L. Knepper, Mgr., 6th & Jefferson Sts., Camden, N. J.
 California Shade Cloth Co. (Inc.), H. P. Hauser, Sec., 1710 San Bruno Ave., San Francisco, Calif.
 Chicago Sanitary Rag Co., Morris B. Goldberg, Sec., 2139 So. Loomis, Chicago, Ill.
 Columbia Mills (Inc.), E. Robt. Raab, Gen. sales Mgr., 225 Fifth Ave., New York, N. Y.
 Connecticut Textiles (Inc.), F. B. Burns, Pres., 180 Madison Ave., New York, N. Y.
 Detroit Canvas Co., L. E. Jaqua, Pres., 166 Jefferson Ave., E., Detroit, Mich.
 Dutton, Andrew Co., Walter F. Colby, Asst. Mgr., 60 Canal St., Boston, Mass.
 Fuessel, Jacob F. (Inc.), Jacob F. Fuessel, Sec., 344 E. 23d St., New York, N. Y.
 Hulme, J. W., Co. (Inc.), Edmond Jasmin, V. Pres., 60 W. 4th St., St. Paul, Minn.
- Illinois Shade Cloth Corp., R. N. Booth, V. Pres., Chicago Heights, Ill.
 Interstate Shade Cloth Co., J. F. Goehren, Asst. Treas., 812 Jefferson St., Hoboken, N. J.
 McMaster & Murfin Co., W. R. Murfin, Treas., 1215 Race St., Phila., Pa.
 Minneapolis Shade Cloth Co., C. M. Locke, Pres., 905 6th Ave. N., Minneapolis, Minn.
 Pabst & Co., Chas. A. Pabst, Pres., 22d St. & Allegheny Ave., Phila., Pa.
 Rasch & Gainor, C. S. Wolf, Mem. firm, 21 S. Hanover St., Balto., Md.
 Saint Paul Tent & Awning Co., C. W. Weikert, V. Pres., 296 E. 6th St., St. Paul, Minn.
 Volker, Wm., & Co., William Volker, Pres., 230 Main St., Kansas City, Mo.
 Western Shade Cloth Co., M. Jackson, Treas., 22d & Jefferson Sts., Chicago, Ill.

Spec. 556, PERCALE

- American Bleached Goods Co. (Inc.), Wm. F. Adams, Pres., 40 Worth St., New York, N. Y.
 Boott Mills, F. A. Flather, Treas., foot of John St., Lowell, Mass.
 Dartmouth Mfg. Corp., C. W. Bartlett, Treas., 59 Cove St., New Bedford, Mass.
- Herring, M., Co., M. Herring, owner, 115 Franklin St., New York, N. Y.
 Lamport Mfg. Supply Co. (Inc.), Charles Cohen, Treas., 507 Broadway, New York, N. Y.
 Prince Lauten Corp., Alfred H. Merkel, Sec., 105 Worth St., New York, N. Y.

Spec. 557, DRILL (UNBLEACHED)

- Bennett, Fred S. (Inc.), Fred S. Bennett, Pres., 93
Worth St., New York, N. Y.
- Boott Mills, F. A. Flather, Treas., foot of John St.,
Lowell, Mass. (Parker, Wilder & Co., Wm. D.
Judson, Mem. firm., 78 Leonard St., New York,
N. Y., sole selling agents.)
- Carpenter, Geo. B., & Co., Thos. D. Lewis, Mgr.
cotton goods Dept., 440 N. Wells St., Chicago,
Ill.
- Catlin & Co. (Inc.), Charles C. Lee, V. Pres., 345
Broadway, New York, N. Y.
- Clifton Mfg. Co., J. C. Evins, Pres., Clifton, S. C.
- Consolidated Textile Corp., J. C. Saunders, Mgr.,
Bonham, Tex.
- Converse, D. E., Co., S. J. Du Pre, Treas., Glen-
dale, S. C.
- Deering Milliken & Co. (Inc.), W. E. Winchester,
V. Pres., 79 Leonard St., New York, N. Y.
- Detroit Canvas Co., Lester E. Jaqua, Pres., 166
Jefferson Ave., E., Detroit, Mich.
- El Paso Cotton Mills Co., J. R. Henderson, V. Pres.,
Box 143, El Paso, Tex.
- Henry, C. J., Co., Virgil J. Oliver, Mgr., 27 Main
St., San Francisco, Calif.
- Herring, M., Co., M. Herring, owner, 115 Franklin
St., New York, N. Y.
- Hill Ingram Co., Hill Ingram, owner, 50 Cliff St.,
New York, N. Y.
- Hurwitz, D., & Sons, Hyamn Hurwitz, partner, 175
Greene St., New York, N. Y.
- Laacke, R., Co., R. Laacke, sales Mgr., 543 3d St.,
Milwaukee, Wis.
- La Fayette Cotton Mills, W. E. McKown, Treas.,
La Fayette, Ga.
- Lamport Mfg. Supply Co. (Inc.), Charles Cohen,
Treas., 507 Broadway, New York, N. Y.
- Mt. Vernon-Woodberry Mills (Inc.), J. W. Easter,
Sec., 201 E. Baltimore St., Balto., Md.
- New Idea Mfg. Co. (Inc.), H. B. Ferguson, Pres.,
8th & Spring Garden St., Phila., Pa.
- Penfield, A. H., & Co. (Inc.), A. H. Penfield, Pres.,
320 Broadway, New York, N. Y.
- Prince Lauten Corp., Alfred H. Merkel, Sec., 105
Worth St., New York, N. Y.
- Rothstein Bros. & Levy (Inc.), Raymond Roth-
stein, Treas., 87 University Place, New York,
N. Y.
- Turner, Halsey Co., H. W. Turner, V. Pres., 74
Leonard St., New York, N. Y.
- Wellington-Sears & Co., Norman S. Hopes, Mem.
firm, 65 Worth St., New York, N. Y.



